

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
 Data File : VY020322.D
 Acq On : 17 Nov 2024 13:39
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

Quant Time: Nov 18 01:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 18 01:33:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	336889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	572262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	477191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	180418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	562490	151.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	303.460%#
35) Dibromofluoromethane	7.634	113	528506	132.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	264.620%#
50) Toluene-d8	10.109	98	2114115	146.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	293.340%#
62) 4-Bromofluorobenzene	12.408	95	611066	139.500	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	279.000%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	407175	159.749	ug/l	97
3) Chloromethane	2.068	50	601632	137.150	ug/l	100
4) Vinyl Chloride	2.208	62	627521	129.593	ug/l	99
5) Bromomethane	2.592	94	365961	124.761	ug/l	96
6) Chloroethane	2.739	64	385301	126.672	ug/l	97
7) Trichlorofluoromethane	3.062	101	896709	135.063	ug/l	98
8) Diethyl Ether	3.458	74	262676	161.577	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	523834	161.676	ug/l	97
10) Methyl Iodide	4.007	142	562612	170.500	ug/l	99
11) Tert butyl alcohol	4.866	59	145906	726.675	ug/l	99
12) 1,1-Dichloroethene	3.793	96	519598	163.975	ug/l	98
13) Acrolein	3.653	56	263006	797.468	ug/l	99
14) Allyl chloride	4.391	41	959461	172.692	ug/l	98
15) Acrylonitrile	5.061	53	567569	775.918	ug/l	99
16) Acetone	3.873	43	680542	791.262	ug/l	98
17) Carbon Disulfide	4.110	76	1663918	166.601	ug/l	100
18) Methyl Acetate	4.385	43	274680	156.310	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	1260974	155.168	ug/l	100
20) Methylene Chloride	4.623	84	519662	147.195	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	564588	157.980	ug/l	97
22) Diisopropyl ether	6.025	45	1888023	148.715	ug/l	98
23) Vinyl Acetate	5.964	43	5349899	742.371	ug/l	99
24) 1,1-Dichloroethane	5.921	63	1077160	143.567	ug/l	99
25) 2-Butanone	6.896	43	858370	694.160	ug/l	96
26) 2,2-Dichloropropane	6.890	77	922461	146.821	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	644658	144.487	ug/l	96
28) Bromochloromethane	7.250	49	479816	137.787	ug/l	98
29) Tetrahydrofuran	7.262	42	483569	641.743	ug/l	100
30) Chloroform	7.427	83	1056843	127.991	ug/l	96
31) Cyclohexane	7.707	56	963836	128.100	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	962241	130.585	ug/l	99
36) 1,1-Dichloropropene	7.841	75	794620	131.759	ug/l	99
37) Ethyl Acetate	6.988	43	343796	121.708	ug/l	98
38) Carbon Tetrachloride	7.823	117	836337	128.761	ug/l	96
39) Methylcyclohexane	9.110	83	1040198	132.760	ug/l	98
40) Benzene	8.085	78	2291008	135.719	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
 Data File : VY020322.D
 Acq On : 17 Nov 2024 13:39
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 18 01:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 18 01:33:11 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	200515	124.710	ug/l	93
42) 1,2-Dichloroethane	8.158	62	623694	137.650	ug/l	100
43) Isopropyl Acetate	8.201	43	703618	141.182	ug/l	98
44) Trichloroethene	8.866	130	554844	132.872	ug/l	97
45) 1,2-Dichloropropane	9.140	63	548405	132.560	ug/l	100
46) Dibromomethane	9.231	93	281700	127.855	ug/l	99
47) Bromodichloromethane	9.427	83	780202	126.185	ug/l	94
48) Methyl methacrylate	9.219	41	341509	136.595	ug/l	97
49) 1,4-Dioxane	9.231	88	57354	2520.379	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	1752603	622.441	ug/l	100
52) Toluene	10.170	92	1436173	136.736	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	712105	122.348	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	854362	132.533	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	361972	115.355	ug/l	96
56) Ethyl methacrylate	10.439	69	547209	121.998	ug/l	98
57) 1,3-Dichloropropane	10.719	76	652122	118.344	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	1318553	720.573	ug/l	99
59) 2-Hexanone	10.762	43	1278607	593.792	ug/l	100
60) Dibromochloromethane	10.914	129	483591	125.007	ug/l	98
61) 1,2-Dibromoethane	11.018	107	326853	123.582	ug/l	100
64) Tetrachloroethene	10.646	164	501581	126.005	ug/l	99
65) Chlorobenzene	11.444	112	1454177	137.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	487582	141.425	ug/l	99
67) Ethyl Benzene	11.518	91	2787555	143.203	ug/l	99
68) m/p-Xylenes	11.627	106	2011930	284.884	ug/l	99
69) o-Xylene	11.957	106	932887	140.293	ug/l	99
70) Styrene	11.969	104	1567417	139.150	ug/l	99
71) Bromoform	12.133	173	231435	129.406	ug/l	100
73) Isopropylbenzene	12.255	105	2387090	147.359	ug/l	100
74) N-amyl acetate	12.072	43	591775	146.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	346043	130.073	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	253220m	123.945	ug/l	
77) Bromobenzene	12.536	156	454416	137.711	ug/l	96
78) n-propylbenzene	12.597	91	2683545	137.114	ug/l	100
79) 2-Chlorotoluene	12.682	91	1496891	134.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1849882	139.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	125527	146.078	ug/l	95
82) 4-Chlorotoluene	12.780	91	1560164	135.752	ug/l	100
83) tert-Butylbenzene	12.999	119	1781519	148.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1856287	143.990	ug/l	100
85) sec-Butylbenzene	13.176	105	2342553	137.883	ug/l	100
86) p-Isopropyltoluene	13.292	119	1927998	143.141	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	879327	135.395	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	846561	130.567	ug/l	100
89) n-Butylbenzene	13.621	91	2012405	140.546	ug/l	99
90) Hexachloroethane	13.883	117	378560	134.996	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	762124	127.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	50552	124.390	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	417943	129.082	ug/l	97
94) Hexachlorobutadiene	15.023	225	239005	137.226	ug/l	99
95) Naphthalene	15.145	128	899232	162.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	349055	133.385	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
Data File : VY020322.D
Acq On : 17 Nov 2024 13:39
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
Supervised By :Semsettin Yesilyurt 11/18/2024

Quant Time: Nov 18 01:53:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 18 01:33:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

