

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020710.D
 Acq On : 26 Dec 2024 11:01
 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: Dec 26 16:06:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:03:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	114988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	158039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	137996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	68495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	149540	158.772	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	317.540%#	
35) Dibromofluoromethane	7.646	113	134770	154.819	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	309.640%#	
50) Toluene-d8	10.115	98	518209	146.261	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	292.520%#	
62) 4-Bromofluorobenzene	12.413	95	176701	152.741	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	305.480%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	129832	143.447	ug/l	98
3) Chloromethane	2.074	50	50886	150.751	ug/l	94
4) Vinyl Chloride	2.214	62	61386	146.779	ug/l	100
5) Bromomethane	2.598	94	46855	148.385	ug/l	93
6) Chloroethane	2.744	64	38539	153.610	ug/l	92
7) Trichlorofluoromethane	3.067	101	237769	147.839	ug/l	99
8) Diethyl Ether	3.464	74	58291	152.312	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.829	101	129702	146.898	ug/l	98
10) Methyl Iodide	4.012	142	153490	158.974	ug/l	98
11) Tert butyl alcohol	4.878	59	42318	761.366	ug/l #	78
12) 1,1-Dichloroethene	3.805	96	117146	149.063	ug/l	100
13) Acrolein	3.665	56	9943	505.005	ug/l	97
14) Allyl chloride	4.396	41	139044	151.192	ug/l	97
15) Acrylonitrile	5.073	53	112334	759.818	ug/l	99
16) Acetone	3.878	43	82039	686.613	ug/l	99
17) Carbon Disulfide	4.122	76	299085	155.142	ug/l	99
18) Methyl Acetate	4.396	43	49673	153.605	ug/l	98
19) Methyl tert-butyl Ether	5.134	73	325123	148.428	ug/l	100
20) Methylene Chloride	4.634	84	113659	146.259	ug/l	94
21) trans-1,2-Dichloroethene	5.134	96	126864	149.805	ug/l	97
22) Diisopropyl ether	6.030	45	270897	144.902	ug/l	98
23) Vinyl Acetate	5.975	43	842460	754.449	ug/l	99
24) 1,1-Dichloroethane	5.927	63	203786	145.390	ug/l	98
25) 2-Butanone	6.908	43	121750	754.322	ug/l	95
26) 2,2-Dichloropropane	6.896	77	245949	143.362	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	149023	146.943	ug/l	98
28) Bromochloromethane	7.256	49	61393	165.629	ug/l	95
29) Tetrahydrofuran	7.274	42	75734	764.431	ug/l	97
30) Chloroform	7.433	83	255843	141.892	ug/l	94
31) Cyclohexane	7.713	56	159686	131.985	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	281529	145.661	ug/l	99
36) 1,1-Dichloropropene	7.847	75	170324	148.123	ug/l	99
37) Ethyl Acetate	6.994	43	58258	153.750	ug/l	100
38) Carbon Tetrachloride	7.829	117	281225	148.522	ug/l	96
39) Methylcyclohexane	9.115	83	222062	150.669	ug/l	96
40) Benzene	8.091	78	493419	148.061	ug/l	100

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41) Methacrylonitrile	7.225	41	30977	161.841	ug/l	94
42) 1,2-Dichloroethane	8.170	62	162177	151.768	ug/l	99
43) Isopropyl Acetate	8.207	43	125433	155.741	ug/l	98
44) Trichloroethene	8.871	130	146621	147.303	ug/l	93
45) 1,2-Dichloropropane	9.146	63	96524	143.087	ug/l	95
46) Dibromomethane	9.237	93	70177	150.351	ug/l	99
47) Bromodichloromethane	9.432	83	197163	148.994	ug/l	93
48) Methyl methacrylate	9.225	41	57813	153.712	ug/l	99
49) 1,4-Dioxane	9.237	88	14810	3331.078	ug/l	98
51) 4-Methyl-2-Pentanone	10.005	43	297779	766.010	ug/l	100
52) Toluene	10.176	92	342599	149.994	ug/l	100
53) t-1,3-Dichloropropene	10.401	75	180957	155.696	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	194591	152.747	ug/l	97
55) 1,1,2-Trichloroethane	10.578	97	89814	150.745	ug/l	97
56) Ethyl methacrylate	10.444	69	125990	160.965	ug/l	99
57) 1,3-Dichloropropane	10.725	76	147770	152.813	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	227376	833.052	ug/l	99
59) 2-Hexanone	10.767	43	205596	801.023	ug/l	99
60) Dibromochloromethane	10.920	129	146356	152.023	ug/l	99
61) 1,2-Dibromoethane	11.023	107	87182	155.511	ug/l	99
64) Tetrachloroethene	10.651	164	139334	147.787	ug/l	97
65) Chlorobenzene	11.450	112	390317	144.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	151401	144.626	ug/l	99
67) Ethyl Benzene	11.523	91	696321	147.444	ug/l	99
68) m/p-Xylenes	11.633	106	532697	295.699	ug/l	100
69) o-Xylene	11.962	106	249576	145.003	ug/l	98
70) Styrene	11.974	104	422920	146.372	ug/l	100
71) Bromoform	12.139	173	90423	150.242	ug/l #	100
73) Isopropylbenzene	12.261	105	699104	147.320	ug/l	100
74) N-amyl acetate	12.078	43	110622	164.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	92629	152.263	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	74431m	137.761	ug/l	
77) Bromobenzene	12.541	156	163665	149.824	ug/l	98
78) n-propylbenzene	12.602	91	775459	145.797	ug/l	99
79) 2-Chlorotoluene	12.688	91	447942	147.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	577812	146.144	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	33964	154.104	ug/l	97
82) 4-Chlorotoluene	12.785	91	460319	146.900	ug/l	99
83) tert-Butylbenzene	13.005	119	540775	146.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	570579	148.302	ug/l	99
85) sec-Butylbenzene	13.181	105	727401	146.177	ug/l	99
86) p-Isopropyltoluene	13.297	119	651978	147.017	ug/l	99
87) 1,3-Dichlorobenzene	13.297	146	314188	147.160	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	308690	145.345	ug/l	98
89) n-Butylbenzene	13.627	91	551311	148.927	ug/l	100
90) Hexachloroethane	13.889	117	125073	148.318	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	272976	149.118	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	18575	157.429	ug/l	97
93) 1,2,4-Trichlorobenzene	14.931	180	194628	167.268	ug/l	99
94) Hexachlorobutadiene	15.029	225	130414	153.785	ug/l	99
95) Naphthalene	15.151	128	329555	176.838	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	163465	168.727	ug/l	99

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

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