

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018924.D
 Acq On : 08 Aug 2024 10:50
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 14:24:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 14:14:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	92503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	142771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	120645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	56765	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	4412	5.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.860%#
35) Dibromofluoromethane	7.628	113	5060	5.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.100%#
50) Toluene-d8	10.103	98	18209	5.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.400%#
62) 4-Bromofluorobenzene	12.408	95	6148	5.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.840%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	3796	5.970	ug/l	95
3) Chloromethane	2.068	50	9931	4.545	ug/l	97
4) Vinyl Chloride	2.202	62	11950	5.608	ug/l	92
5) Bromomethane	2.598	94	10068	5.922	ug/l	100
6) Chloroethane	2.739	64	7988	5.575	ug/l	90
7) Trichlorofluoromethane	3.050	101	15455	5.442	ug/l	99
8) Diethyl Ether	3.452	74	2571	5.873	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	5044	5.685	ug/l	93
10) Methyl Iodide	4.001	142	4453	4.648	ug/l	99
11) Tert butyl alcohol	4.830	59	4421	14.394	ug/l	99
12) 1,1-Dichloroethene	3.787	96	4685	5.590	ug/l	97
13) Acrolein	3.653	56	2914	31.852	ug/l	97
14) Allyl chloride	4.372	41	6097	5.439	ug/l #	86
15) Acrylonitrile	5.049	53	4784	27.876	ug/l	94
16) Acetone	3.854	43	4586	33.345	ug/l #	69
17) Carbon Disulfide	4.092	76	13591	5.455	ug/l	96
18) Methyl Acetate	4.372	43	2618	5.800	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	11428	5.543	ug/l	93
20) Methylene Chloride	4.604	84	8805	4.177	ug/l #	91
21) trans-1,2-Dichloroethene	5.104	96	5151	5.554	ug/l	96
22) Diisopropyl ether	6.006	45	12793	5.235	ug/l #	81
23) Vinyl Acetate	5.945	43	52135	24.720	ug/l	97
24) 1,1-Dichloroethane	5.897	63	8514	5.679	ug/l	97
25) 2-Butanone	6.884	43	6853	26.061	ug/l #	81
26) 2,2-Dichloropropane	6.878	77	8040	5.698	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	6099	5.497	ug/l	99
28) Bromochloromethane	7.238	49	3985	5.774	ug/l #	78
29) Tetrahydrofuran	7.262	42	4355	28.086	ug/l #	84
30) Chloroform	7.409	83	8626	5.379	ug/l	85
31) Cyclohexane	7.695	56	8828	3.430	ug/l #	77
32) 1,1,1-Trichloroethane	7.610	97	7613	5.252	ug/l	89
36) 1,1-Dichloropropene	7.823	75	6809	5.563	ug/l	100
37) Ethyl Acetate	6.970	43	3106	5.552	ug/l	99
38) Carbon Tetrachloride	7.805	117	7268	5.179	ug/l	96
39) Methylcyclohexane	9.103	83	9123	5.537	ug/l	93
40) Benzene	8.073	78	18675	5.131	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018924.D
 Acq On : 08 Aug 2024 10:50
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 14:24:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 14:14:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	1478m	2.743	ug/l	
42) 1,2-Dichloroethane	8.146	62	4638	5.119	ug/l	97
43) Isopropyl Acetate	8.189	43	5897	5.183	ug/l #	80
44) Trichloroethene	8.860	130	5694	5.489	ug/l	82
45) 1,2-Dichloropropane	9.140	63	4346	5.337	ug/l	93
46) Dibromomethane	9.231	93	2577	4.898	ug/l	89
47) Bromodichloromethane	9.420	83	6288	5.107	ug/l	90
48) Methyl methacrylate	9.213	41	2774	5.581	ug/l #	75
49) 1,4-Dioxane	9.219	88	749	120.486	ug/l #	61
51) 4-Methyl-2-Pentanone	10.000	43	14369	24.487	ug/l	89
52) Toluene	10.170	92	12395	5.127	ug/l	90
53) t-1,3-Dichloropropene	10.390	75	5489	4.999	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	6526	5.003	ug/l #	87
55) 1,1,2-Trichloroethane	10.579	97	3285	5.084	ug/l #	87
56) Ethyl methacrylate	10.438	69	4364	4.988	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	5501	5.170	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	10885	24.133	ug/l	98
59) 2-Hexanone	10.762	43	10268	24.393	ug/l	88
60) Dibromochloromethane	10.914	129	4171	4.815	ug/l	99
61) 1,2-Dibromoethane	11.012	107	3356	5.379	ug/l	88
64) Tetrachloroethene	10.646	164	5252	5.193	ug/l	92
65) Chlorobenzene	11.444	112	13411	5.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	4718	5.092	ug/l	92
67) Ethyl Benzene	11.524	91	22139	4.827	ug/l	99
68) m/p-Xylenes	11.633	106	18165	9.659	ug/l	95
69) o-Xylene	11.963	106	8240	4.747	ug/l	94
70) Styrene	11.975	104	13176	4.609	ug/l	97
71) Bromoform	12.133	173	2348	4.873	ug/l #	98
73) Isopropylbenzene	12.255	105	21907	5.317	ug/l	100
74) N-amyl acetate	12.072	43	4651	4.892	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	3712	5.582	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	2404m	3.388	ug/l	
77) Bromobenzene	12.536	156	4900	5.105	ug/l	93
78) n-propylbenzene	12.603	91	26390	5.411	ug/l	98
79) 2-Chlorotoluene	12.688	91	13080	5.181	ug/l	83
80) 1,3,5-Trimethylbenzene	12.743	105	16832	5.213	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	1036	5.048	ug/l #	77
82) 4-Chlorotoluene	12.780	91	13287	5.140	ug/l	89
83) tert-Butylbenzene	12.999	119	16225	5.320	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	16860	5.147	ug/l	98
85) sec-Butylbenzene	13.182	105	23767	5.380	ug/l	100
86) p-Isopropyltoluene	13.298	119	18712	4.891	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	10060	5.131	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	10410	5.444	ug/l	97
89) n-Butylbenzene	13.621	91	17559	5.229	ug/l	94
90) Hexachloroethane	13.889	117	3901	5.404	ug/l	94
91) 1,2-Dichlorobenzene	13.664	146	8582	5.323	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.285	75	516	5.641	ug/l	80
93) 1,2,4-Trichlorobenzene	14.932	180	4534	5.108	ug/l	97
94) Hexachlorobutadiene	15.029	225	2756	5.661	ug/l	91
95) Naphthalene	15.151	128	7952	5.032	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	3901	5.120	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
Data File : VY018924.D
Acq On : 08 Aug 2024 10:50
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/09/2024
Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 14:24:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 14:14:24 2024
Response via : Initial Calibration

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

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

