

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018922.D
 Acq On : 25 Jul 2024 20:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 03:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	95968	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	146225	50.000	ug/l	0.03
63) Chlorobenzene-d5	11.563	117	126354	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.538	152	66970	50.000	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42529	45.035	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.080%
35) Dibromofluoromethane	7.722	113	42863	46.802	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.228	98	147107	42.397	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.800%
62) 4-Bromofluorobenzene	12.575	95	52579	44.373	ug/l	0.10
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27661	34.398	ug/l	92
3) Chloromethane	2.101	50	45901	37.562	ug/l	97
4) Vinyl Chloride	2.241	62	55172	38.595	ug/l	99
5) Bromomethane	2.631	94	41418	42.122	ug/l	98
6) Chloroethane	2.772	64	38121	41.047	ug/l	93
7) Trichlorofluoromethane	3.101	101	82948	44.405	ug/l	98
8) Diethyl Ether	3.503	74	22003	48.328	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	42598	44.447	ug/l	94
10) Methyl Iodide	4.058	142	48434	46.930	ug/l	94
11) Tert butyl alcohol	4.918	59	18017	188.339	ug/l #	80
12) 1,1-Dichloroethene	3.845	96	40517	43.700	ug/l	97
13) Acrolein	3.704	56	7255	94.659	ug/l	98
14) Allyl chloride	4.448	41	50917	44.328	ug/l	94
15) Acrylonitrile	5.131	53	50052	278.672	ug/l	99
16) Acetone	3.924	43	40939	235.145	ug/l	89
17) Carbon Disulfide	4.168	76	102927	39.646	ug/l	99
18) Methyl Acetate	4.442	43	28653	56.641	ug/l	100
19) Methyl tert-butyl Ether	5.192	73	107467	49.965	ug/l	98
20) Methylene Chloride	4.686	84	64827	67.485	ug/l	95
21) trans-1,2-Dichloroethene	5.186	96	43582	44.536	ug/l	98
22) Diisopropyl ether	6.094	45	114023	45.635	ug/l	94
23) Vinyl Acetate	6.033	43	474793	241.200	ug/l	100
24) 1,1-Dichloroethane	5.984	63	72575	45.493	ug/l	98
25) 2-Butanone	6.972	43	64591	264.672	ug/l	96
26) 2,2-Dichloropropane	6.972	77	60684	40.997	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	51570	45.265	ug/l	96
28) Bromochloromethane	7.332	49	32068	50.049	ug/l	99
29) Tetrahydrofuran	7.344	42	39987	267.271	ug/l	95
30) Chloroform	7.508	83	83737	47.098	ug/l	100
31) Cyclohexane	7.789	56	55940	38.558	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	74633	45.142	ug/l	97
36) 1,1-Dichloropropene	7.923	75	53809	42.574	ug/l	97
37) Ethyl Acetate	7.070	43	27711	52.748	ug/l	97
38) Carbon Tetrachloride	7.905	117	69945	45.948	ug/l	98
39) Methylcyclohexane	9.216	83	68247	42.136	ug/l	99
40) Benzene	8.173	78	166643	45.451	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018922.D
 Acq On : 25 Jul 2024 20:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 03:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16424m	54.835	ug/l	
42) 1,2-Dichloroethane	8.252	62	50576	49.269	ug/l	95
43) Isopropyl Acetate	8.289	43	52912	50.617	ug/l	93
44) Trichloroethene	8.966	130	50370	48.061	ug/l	93
45) 1,2-Dichloropropane	9.246	63	38511	48.235	ug/l	93
46) Dibromomethane	9.337	93	26665	51.525	ug/l	95
47) Bromodichloromethane	9.533	83	65734	50.845	ug/l	99
48) Methyl methacrylate	9.325	41	24547	51.662	ug/l #	86
49) 1,4-Dioxane	9.331	88	6815	1123.395	ug/l #	88
51) 4-Methyl-2-Pentanone	10.118	43	146750	274.962	ug/l	94
52) Toluene	10.295	92	106534	43.717	ug/l	99
53) t-1,3-Dichloropropene	10.520	75	53758	48.160	ug/l	96
54) cis-1,3-Dichloropropene	9.971	75	61824	47.211	ug/l #	90
55) 1,1,2-Trichloroethane	10.697	97	34356	52.425	ug/l	97
56) Ethyl methacrylate	10.563	69	45441	52.668	ug/l #	88
57) 1,3-Dichloropropane	10.849	76	54549	50.213	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.825	63	115874	281.111	ug/l	94
59) 2-Hexanone	10.892	43	101000	270.501	ug/l	89
60) Dibromochloromethane	11.044	129	46379	51.508	ug/l	99
61) 1,2-Dibromoethane	11.148	107	33952	53.291	ug/l	94
64) Tetrachloroethene	10.776	164	49769	48.662	ug/l	96
65) Chlorobenzene	11.587	112	128398	48.171	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.666	131	46641	50.788	ug/l	96
67) Ethyl Benzene	11.666	91	212396	45.487	ug/l	99
68) m/p-Xylenes	11.776	106	168075m	91.726	ug/l	
69) o-Xylene	12.111	106	81465	47.289	ug/l	99
70) Styrene	12.124	104	138243	48.095	ug/l	97
71) Bromoform	12.288	173	29334	58.601	ug/l #	95
73) Isopropylbenzene	12.416	105	207938	42.425	ug/l	98
74) N-amyl acetate	12.227	43	46242	46.133	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.672	83	37208	48.155	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	24384m	46.488	ug/l	
77) Bromobenzene	12.703	156	52631	44.980	ug/l	93
78) n-propylbenzene	12.770	91	244212	41.958	ug/l	96
79) 2-Chlorotoluene	12.855	91	141638	43.278	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	168516	42.020	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.471	75	10730m	45.783	ug/l	
82) 4-Chlorotoluene	12.855	91	141638	42.029	ug/l	97
83) tert-Butylbenzene	13.178	119	157636	42.576	ug/l	95
84) 1,2,4-Trimethylbenzene	13.227	105	166846	41.867	ug/l	96
85) sec-Butylbenzene	13.361	105	223626	42.552	ug/l	95
86) p-Isopropyltoluene	13.483	119	194628	42.899	ug/l	95
87) 1,3-Dichlorobenzene	13.477	146	101085	43.986	ug/l	98
88) 1,4-Dichlorobenzene	13.556	146	100042m	43.922	ug/l	
89) n-Butylbenzene	13.818	91	168037	40.854	ug/l	97
90) Hexachloroethane	14.087	117	35999	42.665	ug/l	90
91) 1,2-Dichlorobenzene	13.855	146	90953	45.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.489	75	6367	50.854	ug/l	96
93) 1,2,4-Trichlorobenzene	15.166	180	55548	45.839	ug/l	97
94) Hexachlorobutadiene	15.275	225	31509	45.110	ug/l	97
95) Naphthalene	15.403	128	100245	48.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.599	180	48414	46.693	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
Data File : VY018922.D
Acq On : 25 Jul 2024 20:34
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 26 03:03:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

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

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

