

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009700.D
 Acq On : 26 Jul 2022 14:45
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY072622

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 04:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	242046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	362960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77146	47.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.280%		
35) Dibromofluoromethane	7.710	113	90423	45.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.620%		
50) Toluene-d8	10.173	98	276627	47.942	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	95.880%		
62) 4-Bromofluorobenzene	12.477	95	123228	47.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	94.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	100860	46.806	ug/l	99
3) Chloromethane	2.107	50	134768	51.081	ug/l	96
4) Vinyl Chloride	2.241	62	148085	50.296	ug/l	95
5) Bromomethane	2.637	94	106558	52.207	ug/l	96
6) Chloroethane	2.784	64	90725	51.511	ug/l	97
7) Trichlorofluoromethane	3.113	101	193028	49.630	ug/l	93
8) Diethyl Ether	3.521	74	59200	46.959	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	109009	49.563	ug/l	95
10) Methyl Iodide	4.076	142	139026	48.717	ug/l	89
11) Tert butyl alcohol	4.948	59	49986	209.790	ug/l	96
12) 1,1-Dichloroethene	3.857	96	104447	50.513	ug/l	82
13) Acrolein	3.723	56	8505	222.748	ug/l	100
14) Allyl chloride	4.466	41	160674	49.423	ug/l #	91
15) Acrylonitrile	5.149	53	143815	236.864	ug/l	98
16) Acetone	3.936	43	158886	274.547	ug/l #	89
17) Carbon Disulfide	4.180	76	327459	51.473	ug/l	99
18) Methyl Acetate	4.466	43	66675	44.590	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	277895	49.216	ug/l	97
20) Methylene Chloride	4.704	84	136168	48.776	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	121285	50.481	ug/l	86
22) Diisopropyl ether	6.106	45	348532	50.340	ug/l	92
23) Vinyl Acetate	6.045	43	1105783	237.782	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	199402	49.697	ug/l	98
25) 2-Butanone	6.978	43	216316	253.375	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	183556	48.122	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	133456	49.519	ug/l	86
28) Bromochloromethane	7.326	49	72574	50.175	ug/l #	82
29) Tetrahydrofuran	7.338	42	127346	235.546	ug/l	89
30) Chloroform	7.496	83	206136	49.109	ug/l	99
31) Cyclohexane	7.777	56	188975	49.070	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	187085	49.655	ug/l	95
36) 1,1-Dichloropropene	7.911	75	161979	50.427	ug/l	95
37) Ethyl Acetate	7.063	43	85802	45.069	ug/l #	94
38) Carbon Tetrachloride	7.893	117	174214	50.616	ug/l	98
39) Methylcyclohexane	9.179	83	207438	52.134	ug/l	90
40) Benzene	8.155	78	473232	49.723	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009700.D
 Acq On : 26 Jul 2022 14:45
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY072622

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 04:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	39917m	41.154	ug/l	
42) 1,2-Dichloroethane	8.228	62	130744	49.273	ug/l	91
43) Isopropyl Acetate	8.264	43	160481	48.248	ug/l #	91
44) Trichloroethene	8.935	130	136803	50.107	ug/l	95
45) 1,2-Dichloropropane	9.209	63	114745	49.656	ug/l	95
46) Dibromomethane	9.301	93	67647	49.205	ug/l	95
47) Bromodichloromethane	9.490	83	158918	50.316	ug/l	100
48) Methyl methacrylate	9.289	41	73797	50.455	ug/l #	86
49) 1,4-Dioxane	9.289	88	17278	874.102	ug/l #	81
51) 4-Methyl-2-Pentanone	10.063	43	421038	248.831	ug/l	90
52) Toluene	10.240	92	308056	51.675	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	166482	51.041	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	189888	50.690	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	95520	49.139	ug/l	97
56) Ethyl methacrylate	10.508	69	128436	53.035	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	157705	49.884	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	291376	236.090	ug/l	94
59) 2-Hexanone	10.831	43	317414	263.220	ug/l	89
60) Dibromochloromethane	10.983	129	117472	49.964	ug/l	100
61) 1,2-Dibromoethane	11.087	107	94329	49.817	ug/l	99
64) Tetrachloroethene	10.715	164	128913	49.139	ug/l	98
65) Chlorobenzene	11.514	112	330355	49.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	124261	50.013	ug/l	98
67) Ethyl Benzene	11.587	91	591165	51.225	ug/l	97
68) m/p-Xylenes	11.697	106	475330	103.757	ug/l	90
69) o-Xylene	12.026	106	211052	49.263	ug/l	91
70) Styrene	12.044	104	357152	49.602	ug/l	94
71) Bromoform	12.203	173	75777	47.761	ug/l #	99
73) Isopropylbenzene	12.325	105	542514	52.276	ug/l	99
74) N-amyl acetate	12.142	43	125455	46.802	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	101910	49.925	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	69947m	48.237	ug/l	
77) Bromobenzene	12.605	156	136862	53.102	ug/l	86
78) n-propylbenzene	12.672	91	646692	52.437	ug/l	97
79) 2-Chlorotoluene	12.751	91	353758	50.684	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	453794	52.761	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	36280	49.871	ug/l	86
82) 4-Chlorotoluene	12.855	91	372779	51.342	ug/l	94
83) tert-Butylbenzene	13.075	119	401094	51.893	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	458815	52.926	ug/l	97
85) sec-Butylbenzene	13.251	105	571094	50.324	ug/l	97
86) p-Isopropyltoluene	13.367	119	494684	51.538	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	261221	50.197	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	259393	49.497	ug/l	97
89) n-Butylbenzene	13.696	91	463515	52.711	ug/l	98
90) Hexachloroethane	13.959	117	95795	50.736	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	237961	51.201	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17385	50.684	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	160173	54.605	ug/l	99
94) Hexachlorobutadiene	15.111	225	95240	53.626	ug/l	99
95) Naphthalene	15.233	128	305304	55.527	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	138469	53.972	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
Data File : VY009700.D
Acq On : 26 Jul 2022 14:45
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY072622

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 04:25:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

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

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

