

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008225.D
 Acq On : 06 Apr 2022 11:26
 Operator : SY/MD
 Sample : VY0406SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0406SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 02:09:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67081	47.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.980%
35) Dibromofluoromethane	7.715	113	73092	48.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.178	98	269348	47.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.483	95	93548	46.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.905	85	23885	18.818	ug/l	99
3) Chloromethane	2.113	50	33296	21.543	ug/l	92
4) Vinyl Chloride	2.253	62	42029	20.438	ug/l	95
5) Bromomethane	2.643	94	38305	22.729	ug/l	95
6) Chloroethane	2.789	64	28962	21.410	ug/l	100
7) Trichlorofluoromethane	3.125	101	48476	18.635	ug/l	96
8) Diethyl Ether	3.527	74	16186	19.214	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	30125	18.669	ug/l	93
10) Methyl Iodide	4.094	142	28748	16.432	ug/l #	87
11) Tert butyl alcohol	4.960	59	12558	85.682	ug/l	96
12) 1,1-Dichloroethene	3.869	96	28194	18.873	ug/l #	77
13) Acrolein	3.734	56	8830	74.018	ug/l	90
14) Allyl chloride	4.478	41	36687	18.666	ug/l #	90
15) Acrylonitrile	5.161	53	39097	97.434	ug/l	98
16) Acetone	3.948	43	30288	93.804	ug/l #	77
17) Carbon Disulfide	4.192	76	79458	18.771	ug/l	100
18) Methyl Acetate	4.478	43	17378	15.451	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	80530	18.969	ug/l #	90
20) Methylene Chloride	4.716	84	38980	21.001	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	33501	19.368	ug/l #	81
22) Diisopropyl ether	6.112	45	84022	19.870	ug/l #	94
23) Vinyl Acetate	6.057	43	264179	100.826	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	55416	19.795	ug/l #	97
25) 2-Butanone	6.984	43	46795	95.236	ug/l #	73
26) 2,2-Dichloropropane	6.984	77	48924	18.454	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	38482	19.193	ug/l	81
28) Bromochloromethane	7.331	49	19158	21.108	ug/l #	73
29) Tetrahydrofuran	7.350	42	30796	96.404	ug/l #	74
30) Chloroform	7.508	83	59359	19.582	ug/l	98
31) Cyclohexane	7.782	56	47981	18.171	ug/l #	76
32) 1,1,1-Trichloroethane	7.703	97	53237	19.008	ug/l	94
36) 1,1-Dichloropropene	7.917	75	44311	18.749	ug/l	95
37) Ethyl Acetate	7.069	43	21852	19.792	ug/l #	92
38) Carbon Tetrachloride	7.898	117	44989	17.468	ug/l	99
39) Methylcyclohexane	9.185	83	56821	17.812	ug/l	87
40) Benzene	8.160	78	132846	19.651	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10617m	19.151	ug/l	04/07/2022
42) 1,2-Dichloroethane	8.234	62	37123	19.575	ug/l	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	8.270	43	39101	18.041	ug/l #	83
44) Trichloroethene	8.941	130	37476	19.170	ug/l	98
45) 1,2-Dichloropropane	9.215	63	31059	19.494	ug/l	93
46) Dibromomethane	9.307	93	20174	19.257	ug/l	95
47) Bromodichloromethane	9.496	83	45124	18.837	ug/l	98
48) Methyl methacrylate	9.294	41	17140	17.855	ug/l #	04/07/2022
49) 1,4-Dioxane	9.294	88	5163	370.729	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	103999	95.139	ug/l #	84
52) Toluene	10.245	92	86710	19.558	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	45375	18.478	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	52100	18.743	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	28528	19.721	ug/l	97
56) Ethyl methacrylate	10.508	69	35180	18.644	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	46465	19.626	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	69737	89.199	ug/l	91
59) 2-Hexanone	10.831	43	72225	94.422	ug/l	81
60) Dibromochloromethane	10.983	129	32005	18.192	ug/l	99
61) 1,2-Dibromoethane	11.093	107	27442	19.048	ug/l	100
64) Tetrachloroethene	10.721	164	30980	18.276	ug/l	97
65) Chlorobenzene	11.520	112	93410	18.771	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	33577	18.292	ug/l	97
67) Ethyl Benzene	11.593	91	163793	18.780	ug/l	97
68) m/p-Xylenes	11.703	106	129683	37.393	ug/l	91
69) o-Xylene	12.032	106	62945	18.956	ug/l	90
70) Styrene	12.044	104	103326	19.008	ug/l	93
71) Bromoform	12.209	173	19395	17.500	ug/l #	96
73) Isopropylbenzene	12.330	105	161794	18.244	ug/l	99
74) N-amyl acetate	12.141	43	34873	17.888	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.580	83	33316	19.327	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	28662m	21.884	ug/l	
77) Bromobenzene	12.611	156	38083	18.718	ug/l	94
78) n-propylbenzene	12.672	91	196351	18.770	ug/l	98
79) 2-Chlorotoluene	12.757	91	108387	18.678	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	134297	18.485	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9735	16.584	ug/l	87
82) 4-Chlorotoluene	12.855	91	110671	18.587	ug/l	95
83) tert-Butylbenzene	13.074	119	118767	18.349	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	132999	18.798	ug/l	97
85) sec-Butylbenzene	13.257	105	178415	18.674	ug/l	100
86) p-Isopropyltoluene	13.373	119	147935	18.605	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	76393	18.939	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	76006	18.894	ug/l	99
89) n-Butylbenzene	13.696	91	138691	18.958	ug/l	99
90) Hexachloroethane	13.958	117	27386	17.776	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	67396	18.977	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4477	16.273	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	38868	18.273	ug/l	99
94) Hexachlorobutadiene	15.117	225	20488	18.208	ug/l	98
95) Naphthalene	15.238	128	80556	17.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	33571	18.241	ug/l	99

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

04/07/2022
Supervised By :Mahesh
Dadoda

04/07/2022

