

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008391.D
 Acq On : 19 Apr 2022 13:14
 Operator : KP/MD
 Sample : VY0419SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 19 13:31:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55595	49.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.560%			
35) Dibromofluoromethane	7.716	113	59826	51.825	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.640%			
50) Toluene-d8	10.179	98	207828	52.613	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.483	95	74846	50.377	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18146	18.428	ug/l	98
3) Chloromethane	2.113	50	25439	19.402	ug/l	97
4) Vinyl Chloride	2.253	62	34221	20.202	ug/l	99
5) Bromomethane	2.643	94	32422	22.106	ug/l	96
6) Chloroethane	2.790	64	24606	20.740	ug/l	94
7) Trichlorofluoromethane	3.125	101	40541	20.114	ug/l	91
8) Diethyl Ether	3.534	74	13174	18.086	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.905	101	26297	20.085	ug/l	91
10) Methyl Iodide	4.094	142	26213	19.450	ug/l	91
11) Tert butyl alcohol	4.948	59	15018	125.776	ug/l	98
12) 1,1-Dichloroethene	3.875	96	22957	19.575	ug/l	81
13) Acrolein	3.735	56	4646	49.417	ug/l	98
14) Allyl chloride	4.478	41	28454	18.591	ug/l #	86
15) Acrylonitrile	5.161	53	32333	90.754	ug/l	98
16) Acetone	3.948	43	25839	96.186	ug/l #	89
17) Carbon Disulfide	4.192	76	56420	18.236	ug/l	99
18) Methyl Acetate	4.478	43	15568	20.211	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	67688	18.702	ug/l	94
20) Methylene Chloride	4.716	84	32692	18.083	ug/l	84
21) trans-1,2-Dichloroethene	5.222	96	26436	18.814	ug/l #	79
22) Diisopropyl ether	6.118	45	70804	19.608	ug/l #	93
23) Vinyl Acetate	6.064	43	219421	93.778	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	46115	19.895	ug/l	96
25) 2-Butanone	6.984	43	40089	95.438	ug/l #	75
26) 2,2-Dichloropropane	6.984	77	43137	20.209	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	32454	19.467	ug/l	82
28) Bromochloromethane	7.338	49	15563	17.517	ug/l #	74
29) Tetrahydrofuran	7.344	42	25038	92.323	ug/l #	74
30) Chloroform	7.508	83	50667	19.576	ug/l	98
31) Cyclohexane	7.789	56	38392	19.009	ug/l #	76
32) 1,1,1-Trichloroethane	7.704	97	45339	20.025	ug/l	96
36) 1,1-Dichloropropene	7.917	75	37513	20.350	ug/l	97
37) Ethyl Acetate	7.076	43	18165	19.111	ug/l #	92
38) Carbon Tetrachloride	7.905	117	39798	20.068	ug/l	96
39) Methylcyclohexane	9.185	83	46455	19.586	ug/l	88
40) Benzene	8.161	78	108694	19.801	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10202m	19.186	ug/l	
42) 1,2-Dichloroethane	8.234	62	31323	19.668	ug/l	90
43) Isopropyl Acetate	8.277	43	33823	19.173	ug/l #	86
44) Trichloroethene	8.941	130	30338	19.392	ug/l	98
45) 1,2-Dichloropropane	9.215	63	26310	19.620	ug/l	92
46) Dibromomethane	9.307	93	17051	19.211	ug/l	92
47) Bromodichloromethane	9.496	83	39142	19.610	ug/l	96
48) Methyl methacrylate	9.295	41	14304	19.074	ug/l #	75
49) 1,4-Dioxane	9.301	88	4007	349.844	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	88978	97.682	ug/l #	83
52) Toluene	10.246	92	70994	19.630	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	38597	18.974	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	43762	19.069	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	23576	18.622	ug/l	96
56) Ethyl methacrylate	10.514	69	28804	18.557	ug/l #	78
57) 1,3-Dichloropropane	10.794	76	38797	19.083	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	53763	87.931	ug/l	91
59) 2-Hexanone	10.831	43	60600	96.684	ug/l	82
60) Dibromochloromethane	10.983	129	27119	18.337	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23156	18.707	ug/l	96
64) Tetrachloroethene	10.721	164	25850	19.970	ug/l	98
65) Chlorobenzene	11.520	112	78111	19.612	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	28721	19.324	ug/l	97
67) Ethyl Benzene	11.593	91	136465	20.148	ug/l	98
68) m/p-Xylenes	11.703	106	107971	40.082	ug/l	92
69) o-Xylene	12.032	106	51899	19.854	ug/l	92
70) Styrene	12.044	104	84554	19.613	ug/l	95
71) Bromoform	12.209	173	15925	17.776	ug/l #	99
73) Isopropylbenzene	12.331	105	136508	20.357	ug/l	99
74) N-amyl acetate	12.148	43	29017	19.932	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	27458	19.352	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	18448m	18.494	ug/l	
77) Bromobenzene	12.611	156	30792	18.739	ug/l	95
78) n-propylbenzene	12.672	91	165506	20.917	ug/l	98
79) 2-Chlorotoluene	12.757	91	90635	20.410	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	113149	20.578	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8256	18.519	ug/l	89
82) 4-Chlorotoluene	12.855	91	94048	20.609	ug/l	96
83) tert-Butylbenzene	13.081	119	103174	20.916	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	111380	20.468	ug/l	97
85) sec-Butylbenzene	13.257	105	154285	21.097	ug/l	100
86) p-Isopropyltoluene	13.373	119	125575	20.577	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	63207	19.422	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	62654	19.452	ug/l	99
89) n-Butylbenzene	13.696	91	118431	21.479	ug/l	99
90) Hexachloroethane	13.965	117	23362	20.482	ug/l	79
91) 1,2-Dichlorobenzene	13.745	146	55715	19.243	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4290	21.132	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	31525	18.409	ug/l	100
94) Hexachlorobutadiene	15.117	225	16869	19.403	ug/l	97
95) Naphthalene	15.239	128	65482	17.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	27383	18.273	ug/l	98

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

