

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008392.D
 Acq On : 19 Apr 2022 13:40
 Operator : KP/MD
 Sample : VY0419SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 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 13:55:29 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	108716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	169896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51066	50.006	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.716	113	51903	48.883	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.760%			
50) Toluene-d8	10.179	98	173154	47.659	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.320%			
62) 4-Bromofluorobenzene	12.483	95	64861	47.464	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17847	19.823	ug/l	99
3) Chloromethane	2.113	50	24728	21.023	ug/l	94
4) Vinyl Chloride	2.253	62	33200	21.436	ug/l	99
5) Bromomethane	2.644	94	30963	23.312	ug/l	95
6) Chloroethane	2.790	64	23761	21.904	ug/l	99
7) Trichlorofluoromethane	3.125	101	38679	20.988	ug/l	100
8) Diethyl Ether	3.528	74	12719	19.097	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.906	101	24374	20.361	ug/l	94
10) Methyl Iodide	4.088	142	25660	20.655	ug/l	91
11) Tert butyl alcohol	4.948	59	13878	127.118	ug/l	99
12) 1,1-Dichloroethene	3.869	96	21685	20.223	ug/l #	79
13) Acrolein	3.735	56	4522	52.604	ug/l	99
14) Allyl chloride	4.479	41	28910	20.658	ug/l #	90
15) Acrylonitrile	5.168	53	33074	101.532	ug/l	98
16) Acetone	3.948	43	24323	99.026	ug/l #	81
17) Carbon Disulfide	4.192	76	53359	18.862	ug/l	96
18) Methyl Acetate	4.479	43	15891	23.401	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	66301	20.036	ug/l	93
20) Methylene Chloride	4.710	84	37547	25.066	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	25490	19.840	ug/l	85
22) Diisopropyl ether	6.119	45	68991	20.896	ug/l #	93
23) Vinyl Acetate	6.058	43	216162	101.041	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	43268	20.416	ug/l	98
25) 2-Butanone	6.990	43	39354	102.466	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	41510	21.268	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	30725	20.156	ug/l	83
28) Bromochloromethane	7.338	49	13364	16.451	ug/l #	70
29) Tetrahydrofuran	7.350	42	25334	102.166	ug/l #	76
30) Chloroform	7.509	83	47971	20.271	ug/l	96
31) Cyclohexane	7.783	56	37033	20.054	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	43199	20.867	ug/l	95
36) 1,1-Dichloropropene	7.923	75	35486	20.929	ug/l	98
37) Ethyl Acetate	7.076	43	18289	20.920	ug/l #	93
38) Carbon Tetrachloride	7.899	117	37683	20.659	ug/l	91
39) Methylcyclohexane	9.185	83	44311	20.312	ug/l #	82
40) Benzene	8.161	78	103249	20.450	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	11971m	24.476	ug/l	
42) 1,2-Dichloroethane	8.240	62	31115	21.242	ug/l	92
43) Isopropyl Acetate	8.271	43	34123	21.031	ug/l #	87
44) Trichloroethene	8.941	130	28648	19.909	ug/l	100
45) 1,2-Dichloropropane	9.216	63	25920	21.015	ug/l	93
46) Dibromomethane	9.307	93	16439	20.138	ug/l	94
47) Bromodichloromethane	9.496	83	37327	20.332	ug/l	99
48) Methyl methacrylate	9.295	41	13991	20.284	ug/l #	73
49) 1,4-Dioxane	9.301	88	4106	389.758	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	87932	104.954	ug/l #	85
52) Toluene	10.246	92	68082	20.466	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	38302	20.471	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	42424	20.098	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	23803	20.441	ug/l	94
56) Ethyl methacrylate	10.514	69	28131	19.704	ug/l #	79
57) 1,3-Dichloropropane	10.795	76	38157	20.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	52404	93.185	ug/l	91
59) 2-Hexanone	10.831	43	60106	104.261	ug/l	82
60) Dibromochloromethane	10.984	129	26907	19.781	ug/l	100
61) 1,2-Dibromoethane	11.093	107	23433	20.582	ug/l	99
64) Tetrachloroethene	10.721	164	24547	20.500	ug/l	93
65) Chlorobenzene	11.520	112	74931	20.337	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	27522	20.018	ug/l	97
67) Ethyl Benzene	11.593	91	130360	20.805	ug/l	99
68) m/p-Xylenes	11.703	106	102691	41.210	ug/l	92
69) o-Xylene	12.032	106	48034	19.864	ug/l	93
70) Styrene	12.044	104	81605	20.462	ug/l	95
71) Bromoform	12.209	173	15855	19.131	ug/l #	99
73) Isopropylbenzene	12.331	105	130200	21.542	ug/l	100
74) N-amyl acetate	12.148	43	29609	22.564	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	27804	21.740	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	21946m	24.409	ug/l	
77) Bromobenzene	12.611	156	30092	20.317	ug/l	95
78) n-propylbenzene	12.672	91	157394	22.068	ug/l	98
79) 2-Chlorotoluene	12.758	91	85886	21.458	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	106650	21.519	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8535	21.240	ug/l	87
82) 4-Chlorotoluene	12.855	91	89083	21.657	ug/l	96
83) tert-Butylbenzene	13.075	119	98486	22.151	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	105987	21.609	ug/l	98
85) sec-Butylbenzene	13.258	105	145629	22.093	ug/l	99
86) p-Isopropyltoluene	13.373	119	118707	21.581	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	59802	20.387	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	60939	20.991	ug/l	97
89) n-Butylbenzene	13.696	91	111529	22.441	ug/l	99
90) Hexachloroethane	13.965	117	22117	21.513	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	53670	20.566	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3907	21.352	ug/l	80
93) 1,2,4-Trichlorobenzene	15.013	180	30625	19.841	ug/l	98
94) Hexachlorobutadiene	15.117	225	16378	20.900	ug/l	99
95) Naphthalene	15.239	128	65931	19.941	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	26703	19.769	ug/l	99

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

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