

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009417.D
 Acq On : 01 Jul 2022 13:08
 Operator : KP/MD
 Sample : VY0701SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBS02

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/05/2022
 Supervised By : Semsettin Yesilyurt 07/05/2022

Quant Time: Jul 05 02:44:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	131151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	190189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50490	48.064	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.120%		
35) Dibromofluoromethane	7.710	113	55978	49.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.000%		
50) Toluene-d8	10.173	98	167287	48.253	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.500%		
62) 4-Bromofluorobenzene	12.477	95	82909	50.424	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21821	20.210	ug/l	99
3) Chloromethane	2.107	50	21819	18.572	ug/l	98
4) Vinyl Chloride	2.241	62	28030	20.625	ug/l	98
5) Bromomethane	2.625	94	19895	22.813	ug/l	98
6) Chloroethane	2.778	64	16656	22.986	ug/l	98
7) Trichlorofluoromethane	3.113	101	40308	22.355	ug/l	90
8) Diethyl Ether	3.515	74	13168	18.691	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.881	101	24966	19.316	ug/l	97
10) Methyl Iodide	4.076	142	27882	19.653	ug/l	90
11) Tert butyl alcohol	4.930	59	29686	156.647	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	23116	19.607	ug/l	81
13) Acrolein	3.723	56	7720	88.054	ug/l	99
14) Allyl chloride	4.466	41	40181	18.600	ug/l	96
15) Acrylonitrile	5.155	53	38782	97.175	ug/l	96
16) Acetone	3.942	43	34432	99.805	ug/l	100
17) Carbon Disulfide	4.180	76	53706	16.376	ug/l	99
18) Methyl Acetate	4.466	43	20576	20.340	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	68963	19.505	ug/l	96
20) Methylene Chloride	4.698	84	33992	16.804	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	26091	18.485	ug/l	83
22) Diisopropyl ether	6.112	45	93445	20.497	ug/l	93
23) Vinyl Acetate	6.051	43	282936	99.071	ug/l	96
24) 1,1-Dichloroethane	6.009	63	49836	19.443	ug/l	96
25) 2-Butanone	6.972	43	55502	101.476	ug/l	97
26) 2,2-Dichloropropane	6.972	77	49315	20.328	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	31425	19.164	ug/l	92
28) Bromochloromethane	7.320	49	20748	18.851	ug/l	94
29) Tetrahydrofuran	7.338	42	34915	99.570	ug/l	97
30) Chloroform	7.496	83	52211	19.819	ug/l	96
31) Cyclohexane	7.777	56	41948	17.754	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	46874	19.869	ug/l	97
36) 1,1-Dichloropropene	7.911	75	37695	19.066	ug/l	96
37) Ethyl Acetate	7.064	43	23796	20.295	ug/l	98
38) Carbon Tetrachloride	7.893	117	42662	20.644	ug/l	96
39) Methylcyclohexane	9.179	83	42181	18.026	ug/l	92
40) Benzene	8.155	78	113816	19.685	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	14514m	21.911	ug/l	
42) 1,2-Dichloroethane	8.228	62	34485	20.792	ug/l	95
43) Isopropyl Acetate	8.265	43	44097	20.485	ug/l #	89
44) Trichloroethene	8.935	130	31398	19.544	ug/l	99
45) 1,2-Dichloropropane	9.216	63	28715	19.606	ug/l	100
46) Dibromomethane	9.301	93	16428	19.580	ug/l	97
47) Bromodichloromethane	9.490	83	39542	19.901	ug/l	96
48) Methyl methacrylate	9.289	41	18702	20.153	ug/l	93
49) 1,4-Dioxane	9.289	88	5211	445.549	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	119248	107.439	ug/l	97
52) Toluene	10.240	92	72691	19.927	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	41987	21.124	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	45997	19.382	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	24241	21.716	ug/l	99
56) Ethyl methacrylate	10.502	69	29980	21.041	ug/l	91
57) 1,3-Dichloropropane	10.788	76	40309	20.384	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	73899	93.673	ug/l	95
59) 2-Hexanone	10.825	43	82069	107.040	ug/l	97
60) Dibromochloromethane	10.984	129	28607	20.250	ug/l	98
61) 1,2-Dibromoethane	11.081	107	22323	19.919	ug/l	100
64) Tetrachloroethene	10.715	164	35089	19.817	ug/l	99
65) Chlorobenzene	11.508	112	81330	19.985	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	30136	20.189	ug/l	96
67) Ethyl Benzene	11.587	91	140770	19.940	ug/l	96
68) m/p-Xylenes	11.697	106	112363	39.804	ug/l	91
69) o-Xylene	12.026	106	52840	19.835	ug/l	92
70) Styrene	12.038	104	91260	20.676	ug/l	95
71) Bromoform	12.203	173	19130	20.396	ug/l #	98
73) Isopropylbenzene	12.325	105	141542	18.751	ug/l	99
74) N-amyl acetate	12.142	43	41344	20.881	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	26945	18.428	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	24478m	20.453	ug/l	
77) Bromobenzene	12.605	156	34195	19.003	ug/l	94
78) n-propylbenzene	12.666	91	174610	19.016	ug/l	97
79) 2-Chlorotoluene	12.752	91	98419	18.989	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	120484	19.087	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	9889	18.397	ug/l	90
82) 4-Chlorotoluene	12.849	91	102184	18.972	ug/l	96
83) tert-Butylbenzene	13.069	119	105888	19.966	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	120032	20.010	ug/l	96
85) sec-Butylbenzene	13.251	105	160058	20.037	ug/l	98
86) p-Isopropyltoluene	13.367	119	133966	19.944	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	69454	19.537	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	72865	19.919	ug/l	98
89) n-Butylbenzene	13.690	91	123778	19.612	ug/l	99
90) Hexachloroethane	13.959	117	26273	19.728	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	63148	19.585	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4556	18.591	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	36549	19.096	ug/l	98
94) Hexachlorobutadiene	15.111	225	21066	19.607	ug/l	98
95) Naphthalene	15.233	128	69343	18.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30167	18.142	ug/l	98

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

