

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020933.D
 Acq On : 22 Nov 2021 13:08
 Operator : SY/VA
 Sample : VW1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 02:22:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	78212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	117685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	106077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	54624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	35720	49.305	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.600%		
35) Dibromofluoromethane	7.884	113	36833	49.897	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.800%		
50) Toluene-d8	10.323	98	134131	49.543	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.080%		
62) 4-Bromofluorobenzene	12.615	95	49104	48.633	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	3414	23.543	ug/l	96
3) Chloromethane	2.209	50	9120	20.256	ug/l	93
4) Vinyl Chloride	2.361	62	15833	19.971	ug/l	100
5) Bromomethane	2.769	94	14078	27.587	ug/l	99
6) Chloroethane	2.910	64	7392	24.189	ug/l	95
7) Trichlorofluoromethane	3.251	101	8091	24.607	ug/l	95
8) Diethyl Ether	3.684	74	7307	21.158	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	14297	21.077	ug/l	97
10) Methyl Iodide	4.269	142	20640	20.173	ug/l	98
11) Tert butyl alcohol	5.190	59	5077	79.543	ug/l #	88
12) 1,1-Dichloroethene	4.037	96	13795	20.754	ug/l	96
13) Acrolein	3.897	56	1091	100.362	ug/l	92
14) Allyl chloride	4.665	41	19343	20.269	ug/l	98
15) Acrylonitrile	5.366	53	14850	99.386	ug/l	100
16) Acetone	4.135	43	14181	94.165	ug/l	90
17) Carbon Disulfide	4.385	76	37477	20.518	ug/l	98
18) Methyl Acetate	4.671	43	10895	20.733	ug/l	97
19) Methyl tert-butyl Ether	5.427	73	24220	21.145	ug/l	97
20) Methylene Chloride	4.915	84	17128	20.911	ug/l	97
21) trans-1,2-Dichloroethene	5.421	96	15779	20.853	ug/l	94
22) Diisopropyl ether	6.311	45	40584	20.727	ug/l	95
23) Vinyl Acetate	6.257	43	113928	99.428	ug/l	99
24) 1,1-Dichloroethane	6.220	63	26349	21.151	ug/l	99
25) 2-Butanone	7.177	43	20392	95.339	ug/l	93
26) 2,2-Dichloropropane	7.165	77	19176	21.694	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	18145	21.466	ug/l	99
28) Bromochloromethane	7.512	49	10972	20.814	ug/l	96
29) Tetrahydrofuran	7.531	42	12743	98.241	ug/l	99
30) Chloroform	7.677	83	28904	21.090	ug/l	99
31) Cyclohexane	7.951	56	24994	20.680	ug/l	93
32) 1,1,1-Trichloroethane	7.872	97	24782	21.415	ug/l	98
36) 1,1-Dichloropropene	8.085	75	22362	21.151	ug/l	99
37) Ethyl Acetate	7.256	43	9416	19.526	ug/l	99
38) Carbon Tetrachloride	8.073	117	24228	21.543	ug/l	98
39) Methylcyclohexane	9.335	83	27953	21.058	ug/l	98
40) Benzene	8.323	78	63648	21.114	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	5292	20.582	ug/l	96
42) 1,2-Dichloroethane	8.403	62	18968	20.743	ug/l	99
43) Isopropyl Acetate	8.427	43	18439	19.483	ug/l	98
44) Trichloroethene	9.091	130	19026	21.632	ug/l	95
45) 1,2-Dichloropropane	9.366	63	14418	20.768	ug/l	96
46) Dibromomethane	9.457	93	9081	20.646	ug/l	100
47) Bromodichloromethane	9.646	83	21241	20.412	ug/l	98
48) Methyl methacrylate	9.433	41	8870	21.069	ug/l	93
49) 1,4-Dioxane	9.457	88	2256	355.956	ug/l #	76
51) 4-Methyl-2-Pentanone	10.207	43	46642	96.796	ug/l	99
52) Toluene	10.384	92	40511	20.907	ug/l	100
53) t-1,3-Dichloropropene	10.609	75	21039	20.362	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	24071	20.587	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	12252	20.777	ug/l	96
56) Ethyl methacrylate	10.646	69	15080	20.083	ug/l	97
57) 1,3-Dichloropropane	10.933	76	20377	20.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	38661	102.306	ug/l	99
59) 2-Hexanone	10.969	43	32573	97.174	ug/l	98
60) Dibromochloromethane	11.128	129	15393	20.706	ug/l	97
61) 1,2-Dibromoethane	11.237	107	12043	20.584	ug/l	97
64) Tetrachloroethene	10.859	164	16363	20.763	ug/l	93
65) Chlorobenzene	11.658	112	45658	21.409	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	16838	21.234	ug/l	98
67) Ethyl Benzene	11.731	91	79344	21.200	ug/l	99
68) m/p-Xylenes	11.841	106	64656	42.732	ug/l	99
69) o-Xylene	12.164	106	30925	21.796	ug/l	95
70) Styrene	12.176	104	50173	21.055	ug/l	99
71) Bromoform	12.353	173	9222	20.119	ug/l #	96
73) Isopropylbenzene	12.463	105	82146	22.007	ug/l	100
74) N-amyl acetate	12.268	43	17616	19.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	13883	21.318	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	10282m	20.950	ug/l	
77) Bromobenzene	12.743	156	19766	21.801	ug/l	96
78) n-propylbenzene	12.804	91	98508	22.406	ug/l	98
79) 2-Chlorotoluene	12.890	91	54877	21.597	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	69634	21.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	4381	20.998	ug/l	96
82) 4-Chlorotoluene	12.987	91	57440	21.316	ug/l	97
83) tert-Butylbenzene	13.200	119	62846	21.966	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	67979	21.506	ug/l	95
85) sec-Butylbenzene	13.377	105	91393	22.198	ug/l	99
86) p-Isopropyltoluene	13.493	119	76007	21.414	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	40264	21.912	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	40012	21.669	ug/l	98
89) n-Butylbenzene	13.822	91	70683	22.178	ug/l	98
90) Hexachloroethane	14.091	117	13679	20.463	ug/l	90
91) 1,2-Dichlorobenzene	13.871	146	35288	21.859	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2420	21.162	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	23802	20.691	ug/l	92
94) Hexachlorobutadiene	15.231	225	15201	23.302	ug/l	92
95) Naphthalene	15.365	128	41624	19.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	20658	20.366	ug/l	94

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

