

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021735.D
 Acq On : 05 Jan 2022 16:56
 Operator : SY/VA
 Sample : VW0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0105SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 05:51:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	144329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	230008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	215550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	112308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	62552	49.174	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.340%		
35) Dibromofluoromethane	7.890	113	69282	48.396	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.800%		
50) Toluene-d8	10.323	98	257805	49.758	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.520%		
62) 4-Bromofluorobenzene	12.615	95	96939	50.405	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5155	21.986	ug/l	89
3) Chloromethane	2.215	50	22549	21.389	ug/l	100
4) Vinyl Chloride	2.361	62	32917	20.878	ug/l	96
5) Bromomethane	2.769	94	37754	23.382	ug/l	99
6) Chloroethane	2.916	64	16744	19.199	ug/l	100
7) Trichlorofluoromethane	3.263	101	22256	21.288	ug/l	96
8) Diethyl Ether	3.690	74	13083	22.152	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.062	101	30626	22.047	ug/l	98
10) Methyl Iodide	4.263	142	42399	21.600	ug/l	99
11) Tert butyl alcohol	5.208	59	6516m	99.240	ug/l	
12) 1,1-Dichloroethene	4.038	96	28363	22.069	ug/l	92
13) Acrolein	3.897	56	7563	120.724	ug/l	93
14) Allyl chloride	4.672	41	34188	21.671	ug/l	96
15) Acrylonitrile	5.385	53	24421	105.904	ug/l	98
16) Acetone	4.141	43	23372	97.302	ug/l	96
17) Carbon Disulfide	4.385	76	68179	21.390	ug/l	99
18) Methyl Acetate	4.678	43	16927	21.820	ug/l	95
19) Methyl tert-butyl Ether	5.434	73	43448	22.166	ug/l	99
20) Methylene Chloride	4.915	84	51493	28.394	ug/l	93
21) trans-1,2-Dichloroethene	5.428	96	33317	22.540	ug/l	88
22) Diisopropyl ether	6.318	45	72320	22.353	ug/l	97
23) Vinyl Acetate	6.257	43	181113	107.075	ug/l #	93
24) 1,1-Dichloroethane	6.220	63	52460	22.769	ug/l	99
25) 2-Butanone	7.177	43	31786	103.084	ug/l #	84
26) 2,2-Dichloropropane	7.165	77	34511	22.181	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	35434	21.909	ug/l	97
28) Bromochloromethane	7.513	49	17763	19.708	ug/l #	80
29) Tetrahydrofuran	7.537	42	19371	106.513	ug/l	95
30) Chloroform	7.677	83	57615	22.233	ug/l	98
31) Cyclohexane	7.958	56	48558	21.947	ug/l	93
32) 1,1,1-Trichloroethane	7.872	97	50699	22.241	ug/l	98
36) 1,1-Dichloropropene	8.086	75	45609	22.417	ug/l	99
37) Ethyl Acetate	7.256	43	13945	20.771	ug/l	98
38) Carbon Tetrachloride	8.067	117	48007	21.844	ug/l	94
39) Methylcyclohexane	9.335	83	58193	22.450	ug/l	96
40) Benzene	8.323	78	127049	21.957	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	7541	19.603	ug/l #	85
42) 1,2-Dichloroethane	8.403	62	35219	22.296	ug/l	97
43) Isopropyl Acetate	8.427	43	26853	21.420	ug/l #	91
44) Trichloroethene	9.098	130	39972	22.719	ug/l	89
45) 1,2-Dichloropropane	9.372	63	27865	21.979	ug/l	97
46) Dibromomethane	9.463	93	17047	21.391	ug/l	98
47) Bromodichloromethane	9.646	83	39745	21.872	ug/l	96
48) Methyl methacrylate	9.439	41	10866	18.405	ug/l #	88
49) 1,4-Dioxane	9.469	88	3578	380.441	ug/l #	78
51) 4-Methyl-2-Pentanone	10.213	43	69600	104.545	ug/l	95
52) Toluene	10.390	92	85027	22.433	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	34935	21.187	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	42836	21.769	ug/l	90
55) 1,1,2-Trichloroethane	10.786	97	22864	21.431	ug/l	92
56) Ethyl methacrylate	10.646	69	24412	21.349	ug/l	90
57) 1,3-Dichloropropane	10.933	76	38107	21.668	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	59574	108.746	ug/l	97
59) 2-Hexanone	10.969	43	47451	103.209	ug/l	93
60) Dibromochloromethane	11.128	129	28150	21.945	ug/l	99
61) 1,2-Dibromoethane	11.237	107	23507	22.252	ug/l	99
64) Tetrachloroethene	10.859	164	34630	23.287	ug/l	84
65) Chlorobenzene	11.652	112	94263	21.742	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	32545	21.497	ug/l	98
67) Ethyl Benzene	11.731	91	163634	22.263	ug/l	99
68) m/p-Xylenes	11.841	106	133541	44.247	ug/l	96
69) o-Xylene	12.164	106	62699	22.019	ug/l	95
70) Styrene	12.182	104	100434	21.879	ug/l	98
71) Bromoform	12.347	173	14953	20.681	ug/l #	97
73) Isopropylbenzene	12.463	105	167973	21.876	ug/l	99
74) N-amyl acetate	12.274	43	24159	20.759	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	24726	21.539	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	18684m	22.492	ug/l	
77) Bromobenzene	12.743	156	40170	21.740	ug/l	90
78) n-propylbenzene	12.804	91	197281	21.722	ug/l	99
79) 2-Chlorotoluene	12.890	91	112686	21.924	ug/l	98
80) 1,3,5-Trimethylbenzene	12.938	105	144205	22.025	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	5421	18.516	ug/l	87
82) 4-Chlorotoluene	12.987	91	117262	21.928	ug/l	94
83) tert-Butylbenzene	13.201	119	129489	21.913	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	142066	22.162	ug/l	96
85) sec-Butylbenzene	13.383	105	188731	22.002	ug/l	96
86) p-Isopropyltoluene	13.493	119	160937	22.413	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	80950	21.856	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	80922	21.430	ug/l	95
89) n-Butylbenzene	13.822	91	145498	22.346	ug/l	97
90) Hexachloroethane	14.091	117	24963	21.228	ug/l	88
91) 1,2-Dichlorobenzene	13.871	146	70419	21.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3282	18.402	ug/l	88
93) 1,2,4-Trichlorobenzene	15.127	180	45448	21.673	ug/l	99
94) Hexachlorobutadiene	15.231	225	26693	21.419	ug/l	97
95) Naphthalene	15.365	128	71910	20.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	36876	20.927	ug/l	94

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

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