

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
 Data File : VW020031.D
 Acq On : 15 Sep 2021 11:37
 Operator : SY/VA
 Sample : MDL04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:30:20 PM

Quant Time: Sep 16 01:01:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 16 00:47:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	291509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	280170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	133181	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135407	28.202	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.800%			
7) Chloroethane-d5	2.898	69	108610	26.281	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.120%			
11) 1,1-Dichloroethene-d2	4.031	63	150779	19.212	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.840%			
21) 2-Butanone-d5	7.080	46	47996	36.541	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.080%			
24) Chloroform-d	7.653	84	206931	25.763	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.040%			
26) 1,2-Dichloroethane-d4	8.311	65	122229	25.832	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.320%			
32) Benzene-d6	8.281	84	414801	27.136	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.560%			
36) 1,2-Dichloropropane-d6	9.274	67	121261	26.745	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.960%			
41) Toluene-d8	10.329	98	379883	26.512	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.040%			
43) trans-1,3-Dichloroprop...	10.579	79	52169	25.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.040%			
47) 2-Hexanone-d5	10.927	63	34571	37.323	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.640%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98681	22.123	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	128071	28.217	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.020	85	2716	0.899	ug/L	90
3) Chloromethane	2.221	50	4609	1.132	ug/L	90
5) Vinyl chloride	2.373	62	6939	1.090	ug/L #	60
6) Bromomethane	2.788	94	4227	0.947	ug/L	97
8) Chloroethane	2.940	64	3812	0.981	ug/L	86
9) Trichlorofluoromethane	3.263	101	2943	0.792	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	5367	1.284	ug/L #	30
12) 1,1-Dichloroethene	4.050	96	4866m	1.230	ug/L	
13) Acetone	4.135	43	4181	3.352	ug/L	93
14) Carbon disulfide	4.391	76	12177	0.943	ug/L #	92
15) Methyl Acetate	4.684	43	1926m	0.885	ug/L	
16) Methylene chloride	4.922	84	10645	2.072	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	3840	0.921	ug/L #	82
18) Methyl tert-butyl Ether	5.434	73	4339m	0.834	ug/L	
19) 1,1-Dichloroethane	6.226	63	7361	0.987	ug/L	91
20) cis-1,2-Dichloroethene	7.177	96	4033	0.937	ug/L	99
22) 2-Butanone	7.177	43	3811m	2.438	ug/L	
23) Bromochloromethane	7.525	128	1910	0.958	ug/L	85
25) Chloroform	7.683	83	8848	1.130	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	5428	0.991	ug/L	99
29) Cyclohexane	7.964	56	4643	0.736	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	6229	0.949	ug/L	99
31) Carbon tetrachloride	8.073	117	5695	0.930	ug/L	100
33) Benzene	8.329	78	17479	1.036	ug/L	100
34) Trichloroethene	9.098	95	3999	0.895	ug/L	87
35) Methylcyclohexane	9.341	83	6082	0.808	ug/L	93
37) 1,2-Dichloropropane	9.366	63	3984	0.976	ug/L	99
38) Bromodichloromethane	9.652	83	5592	1.015	ug/L #	83
39) cis-1,3-Dichloropropene	10.073	75	5675	0.921	ug/L	99
42) Toluene	10.390	91	23090	1.283	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	3195	0.978	ug/L	94
46) Tetrachloroethene	10.866	164	3119	0.903	ug/L	89
48) 2-Hexanone	10.969	43	3114	1.492	ug/L #	94
49) Dibromochloromethane	11.128	129	3343	0.891	ug/L	95
50) 1,2-Dibromoethane	11.238	107	2866	0.892	ug/L #	90
51) Chlorobenzene	11.658	112	11386	0.976	ug/L	96
52) Ethylbenzene	11.731	91	16182	0.823	ug/L	92
53) m,p-Xylene	11.841	106	6041	0.808	ug/L	93
54) o-Xylene	12.170	106	5055	0.716	ug/L	85
55) Styrene	12.182	104	7697	0.634	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	4489	1.049	ug/L #	95
59) Bromoform	12.347	173	1790	0.888	ug/L #	90
60) Isopropylbenzene	12.463	105	12863	0.728	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	3020	0.970	ug/L	92
62) 1,3,5-Trimethylbenzene	12.945	105	10339	0.719	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	10498	0.744	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	7551	0.930	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	8609	1.040	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	7814	1.056	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	5020	0.893	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	3982	0.905	ug/L	95
71) Naphthalene	15.365	128	6290	0.669	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	3760	0.910	ug/L	94

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

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