

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
 Data File : VW019921.D
 Acq On : 26 Aug 2021 17:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: Aug 27 01:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 27 00:59:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	416896	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	382622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	191831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	133196	20.621	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.480%		
7) Chloroethane-d5	2.898	69	120118	21.186	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.760%		
11) 1,1-Dichloroethene-d2	4.032	63	243207	21.699	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.800%		
21) 2-Butanone-d5	7.086	46	68815	52.449	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.900%		
24) Chloroform-d	7.653	84	263115	22.949	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.800%		
26) 1,2-Dichloroethane-d4	8.311	65	140693	22.771	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.080%		
32) Benzene-d6	8.281	84	510187	23.386	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.560%		
36) 1,2-Dichloropropane-d6	9.274	67	155896	23.597	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.400%		
41) Toluene-d8	10.323	98	461831	23.100	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.400%		
43) trans-1,3-Dichloroprop...	10.579	79	67304	24.660	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.640%		
47) 2-Hexanone-d5	10.927	63	50144	54.483	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.960%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	131229	24.405	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.640%		
66) 1,2-Dichlorobenzene-d4	13.853	152	164291	24.967	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	90708	22.202	ug/L	99
3) Chloromethane	2.221	50	108113	21.264	ug/L	97
5) Vinyl chloride	2.373	62	168868	22.395	ug/L	97
6) Bromomethane	2.788	94	119944	21.436	ug/L	97
8) Chloroethane	2.934	64	108347	21.919	ug/L	94
9) Trichlorofluoromethane	3.269	101	99300	20.474	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	134226	23.316	ug/L	97
12) 1,1-Dichloroethene	4.050	96	129550	22.948	ug/L	96
13) Acetone	4.135	43	49518	44.211	ug/L	93
14) Carbon disulfide	4.397	76	384357	21.286	ug/L	100
15) Methyl Acetate	4.684	43	54373	23.321	ug/L	99
16) Methylene chloride	4.928	84	147720	20.645	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	139461	23.516	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	179594	26.308	ug/L	97
19) 1,1-Dichloroethane	6.226	63	252386	24.009	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	148995	24.821	ug/L	97
22) 2-Butanone	7.177	43	71252	49.092	ug/L	100
23) Bromochloromethane	7.519	128	63024	23.460	ug/L	96
25) Chloroform	7.683	83	257145	23.644	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	166870	23.520	ug/L	96
29) Cyclohexane	7.964	56	225508	25.097	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	207211	24.232	ug/L	99
31) Carbon tetrachloride	8.073	117	185689	23.294	ug/L	99
33) Benzene	8.330	78	565593	24.085	ug/L	100
34) Trichloroethene	9.092	95	147784	24.208	ug/L	93
35) Methylcyclohexane	9.335	83	252859	24.148	ug/L	98
37) 1,2-Dichloropropane	9.372	63	139362	23.962	ug/L	99
38) Bromodichloromethane	9.646	83	177381	23.543	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	217435	25.388	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	164985	53.348	ug/L	98
42) Toluene	10.390	91	610000	24.522	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	190966	25.332	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	102705	24.392	ug/L	96
46) Tetrachloroethene	10.860	164	112454	24.318	ug/L	98
48) 2-Hexanone	10.969	43	110254	51.214	ug/L	95
49) Dibromochloromethane	11.128	129	114295	23.730	ug/L	92
50) 1,2-Dibromoethane	11.238	107	95382	24.118	ug/L	96
51) Chlorobenzene	11.658	112	385035	24.370	ug/L	97
52) Ethylbenzene	11.731	91	673794	25.159	ug/L	96
53) m,p-Xylene	11.841	106	259173	25.200	ug/L	100
54) o-Xylene	12.170	106	247608	25.451	ug/L	95
55) Styrene	12.182	104	419961	25.263	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	124255	24.064	ug/L	97
59) Bromoform	12.347	173	60778	23.863	ug/L	98
60) Isopropylbenzene	12.463	105	670284	25.788	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90120	23.961	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	551993	26.607	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	563120	26.779	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	291654	25.168	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	287973	24.176	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	258687	24.582	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19809	24.160	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	192947	24.164	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	162307	26.454	ug/L	96
71) Naphthalene	15.365	128	358664	29.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	137192	24.147	ug/L	97

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

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