

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081621\
 Data File : VW019750.D
 Acq On : 16 Aug 2021 16:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025512

Quant Time: Aug 17 01:54:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 17 01:50:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	325301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	308686	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	163446	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	89429	23.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
7) Chloroethane-d5	2.898	69	99679	26.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	4.032	63	170072	21.759	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.040%
21) 2-Butanone-d5	7.080	46	74136	59.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.520%
24) Chloroform-d	7.653	84	237129	24.112	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.305	65	133332	23.289	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.160%
32) Benzene-d6	8.275	84	414286	20.270	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.080%
36) 1,2-Dichloropropane-d6	9.275	67	137493	22.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.440%
41) Toluene-d8	10.323	98	359416	19.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.120%
43) trans-1,3-Dichloroprop...	10.579	79	58249	22.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.927	63	61759	57.255	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.520%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	136582	25.600	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	150125	24.904	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	79735	22.388	ug/L	94
3) Chloromethane	2.221	50	92403	25.643	ug/L	99
5) Vinyl chloride	2.373	62	135356	27.880	ug/L	95
6) Bromomethane	2.788	94	102163	26.863	ug/L	99
8) Chloroethane	2.934	64	92585	28.360	ug/L	99
9) Trichlorofluoromethane	3.270	101	90462	30.099	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	107597	26.864	ug/L	97
12) 1,1-Dichloroethene	4.044	96	100620	25.813	ug/L	95
13) Acetone	4.129	43	50273	49.301	ug/L	87
14) Carbon disulfide	4.391	76	265032	23.881	ug/L	99
15) Methyl Acetate	4.678	43	49441	25.925	ug/L	100
16) Methylene chloride	4.922	84	141891	26.101	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	106390	24.968	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	142144	22.960	ug/L	97
19) 1,1-Dichloroethane	6.220	63	204869	22.878	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	119723	24.793	ug/L	98
22) 2-Butanone	7.171	43	66998	49.117	ug/L	99
23) Bromochloromethane	7.519	128	55331	24.764	ug/L	95
25) Chloroform	7.677	83	217175	23.678	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	144795	22.601	ug/L	99
29) Cyclohexane	7.958	56	161435	21.104	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	167377	21.178	ug/L	99
31) Carbon tetrachloride	8.074	117	157100	21.539	ug/L	99
33) Benzene	8.324	78	463385	21.661	ug/L	100
34) Trichloroethene	9.092	95	117132	22.084	ug/L	95
35) Methylcyclohexane	9.336	83	192701	21.956	ug/L	99
37) 1,2-Dichloropropane	9.372	63	117520	21.982	ug/L	99
38) Bromodichloromethane	9.646	83	155862	23.016	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	181379	22.235	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	142546	43.385	ug/L	98
42) Toluene	10.390	91	499755	22.252	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	164747	23.064	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	91503	23.141	ug/L	98
46) Tetrachloroethene	10.866	164	90034	22.577	ug/L	99
48) 2-Hexanone	10.969	43	106610	47.165	ug/L	97
49) Dibromochloromethane	11.128	129	104624	23.880	ug/L	98
50) 1,2-Dibromoethane	11.238	107	85015	22.593	ug/L #	96
51) Chlorobenzene	11.658	112	316310	23.032	ug/L	99
52) Ethylbenzene	11.731	91	540293	22.953	ug/L	98
53) m,p-Xylene	11.841	106	209897	23.422	ug/L	97
54) o-Xylene	12.164	106	199064	23.018	ug/L	98
55) Styrene	12.183	104	346437	23.327	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	114164	22.691	ug/L	97
59) Bromoform	12.347	173	56651	22.803	ug/L	99
60) Isopropylbenzene	12.463	105	536275	23.993	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83201	22.509	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	451494	24.256	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	455826	23.476	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	239480	22.125	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	247522	22.684	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	228193	24.017	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17525	24.297	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	177194	25.627	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	139651	23.986	ug/L	97
71) Naphthalene	15.365	128	295134	26.080	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	130161	25.275	ug/L	98

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

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