

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072121\
 Data File : VW019524.D
 Acq On : 21 Jul 2021 10:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Jul 22 00:55:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 15 01:04:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	491065	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	441171	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	234705	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	151130	21.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
7) Chloroethane-d5	2.898	69	110793	22.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	4.025	63	310744	23.147	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.600%
21) 2-Butanone-d5	7.080	46	98280	48.667	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.340%
24) Chloroform-d	7.653	84	318325	23.460	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	8.305	65	171972	23.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	8.275	84	629540	23.972	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	9.274	67	192848	23.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	10.323	98	566728	23.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.760%
43) trans-1,3-Dichloroprop...	10.579	79	86407	24.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.600%
47) 2-Hexanone-d5	10.927	63	79962	52.657	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.320%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	161917	24.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	192011	23.187	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	148355	25.362	ug/L	99
3) Chloromethane	2.221	50	150820	25.126	ug/L	97
5) Vinyl chloride	2.367	62	188578	22.826	ug/L	96
6) Bromomethane	2.788	94	103550	22.668	ug/L	98
8) Chloroethane	2.934	64	102980	23.418	ug/L	96
9) Trichlorofluoromethane	3.263	101	135110	26.921	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	156043	24.306	ug/L	94
12) 1,1-Dichloroethene	4.044	96	157462	24.562	ug/L #	81
13) Acetone	4.141	43	82564	55.486	ug/L	89
14) Carbon disulfide	4.391	76	479402	23.352	ug/L	100
15) Methyl Acetate	4.678	43	77343	23.353	ug/L	99
16) Methylene chloride	4.922	84	174201	17.794	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	165762	23.777	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	230581	23.939	ug/L	96
19) 1,1-Dichloroethane	6.220	63	302835	23.659	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	177967	24.135	ug/L	96
22) 2-Butanone	7.177	43	111617	48.477	ug/L	97
23) Bromochloromethane	7.513	128	76912	23.161	ug/L	95
25) Chloroform	7.677	83	304763	24.070	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	202943	23.823	ug/L	97
29) Cyclohexane	7.958	56	286538	25.327	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	232205	25.503	ug/L	99
31) Carbon tetrachloride	8.073	117	215451	25.433	ug/L	98
33) Benzene	8.323	78	690899	25.020	ug/L	100
34) Trichloroethene	9.092	95	177317	25.159	ug/L	94
35) Methylcyclohexane	9.335	83	313034	25.099	ug/L	94
37) 1,2-Dichloropropane	9.372	63	173700	24.822	ug/L	98
38) Bromodichloromethane	9.646	83	215340	24.817	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	270108	25.240	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	223303	50.558	ug/L	97
42) Toluene	10.390	91	727056	25.261	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	240155	25.512	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	128726	24.722	ug/L	97
46) Tetrachloroethene	10.866	164	131940	24.563	ug/L	96
48) 2-Hexanone	10.969	43	170114	56.550	ug/L	96
49) Dibromochloromethane	11.128	129	143815	25.683	ug/L	100
50) 1,2-Dibromoethane	11.237	107	124134	24.856	ug/L	99
51) Chlorobenzene	11.658	112	446148	24.651	ug/L	97
52) Ethylbenzene	11.731	91	784160	25.026	ug/L	99
53) m,p-Xylene	11.841	106	305330	25.785	ug/L	96
54) o-Xylene	12.164	106	283317	25.319	ug/L	86
55) Styrene	12.182	104	497756	25.673	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	157536	24.568	ug/L	100
59) Bromoform	12.353	173	81111	24.212	ug/L	100
60) Isopropylbenzene	12.463	105	790462	25.060	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	119477	23.238	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	661839	25.060	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	667815	25.095	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	336789	23.332	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	331611	23.250	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	310791	23.900	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	27589	24.590	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	255248	24.201	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	212890	24.143	ug/L	96
71) Naphthalene	15.365	128	461484	25.912	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	189425	23.988	ug/L	98

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

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