

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020571.D
 Acq On : 18 Oct 2021 18:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025038

Quant Time: Oct 19 05:44:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	177253	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	167950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	55705	21.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
7) Chloroethane-d5	2.879	69	31048	22.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
11) 1,1-Dichloroethene-d2	4.019	63	116522	22.048	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.200%
21) 2-Butanone-d5	7.080	46	43601	55.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.100%
24) Chloroform-d	7.647	84	131716	23.312	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	8.305	65	76761	23.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.160%
32) Benzene-d6	8.275	84	247922	22.442	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.760%
36) 1,2-Dichloropropane-d6	9.274	67	80648	22.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.600%
41) Toluene-d8	10.323	98	222025	22.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.579	79	34171	23.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.400%
47) 2-Hexanone-d5	10.927	63	30871	55.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.480%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	68780	25.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	76791	21.420	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	37943	33.126	ug/L	95
3) Chloromethane	2.215	50	58784	24.682	ug/L	97
5) Vinyl chloride	2.355	62	75876	22.651	ug/L	98
6) Bromomethane	2.769	94	31985	21.984	ug/L	99
8) Chloroethane	2.916	64	28570	23.098	ug/L	98
9) Trichlorofluoromethane	3.251	101	29973	15.726	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	63500	23.362	ug/L	98
12) 1,1-Dichloroethene	4.037	96	57481	23.065	ug/L	98
13) Acetone	4.129	43	37369	51.854	ug/L	100
14) Carbon disulfide	4.379	76	172338	21.260	ug/L	100
15) Methyl Acetate	4.672	43	35368	26.428	ug/L	99
16) Methylene chloride	4.915	84	74926	21.744	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	60086	22.980	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	93872	25.482	ug/L	99
19) 1,1-Dichloroethane	6.214	63	128536	23.979	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	66330	24.406	ug/L	97
22) 2-Butanone	7.177	43	48179	53.409	ug/L	98
23) Bromochloromethane	7.519	128	28381	23.809	ug/L	98
25) Chloroform	7.677	83	125135	24.013	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	88592	24.856	ug/L	99
29) Cyclohexane	7.958	56	115646	23.519	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	98164	23.528	ug/L	99
31) Carbon tetrachloride	8.067	117	83521	22.768	ug/L	99
33) Benzene	8.323	78	277429	23.192	ug/L	100
34) Trichloroethene	9.091	95	66980	22.728	ug/L	97
35) Methylcyclohexane	9.335	83	115003	22.803	ug/L	98
37) 1,2-Dichloropropane	9.372	63	74419	24.023	ug/L	99
38) Bromodichloromethane	9.646	83	88868	23.927	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	105390	24.658	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	101710	54.702	ug/L	99
42) Toluene	10.390	91	288892	24.077	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	94978	25.207	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	48928	24.599	ug/L	97
46) Tetrachloroethene	10.859	164	48470	22.898	ug/L	94
48) 2-Hexanone	10.969	43	76117	55.797	ug/L	99
49) Dibromochloromethane	11.128	129	53966	24.627	ug/L	93
50) 1,2-Dibromoethane	11.237	107	44928	24.591	ug/L	96
51) Chlorobenzene	11.658	112	172087	23.258	ug/L	96
52) Ethylbenzene	11.731	91	315598	24.255	ug/L	99
53) m,p-Xylene	11.841	106	119359	24.758	ug/L	100
54) o-Xylene	12.164	106	111745	25.098	ug/L	99
55) Styrene	12.182	104	201812	25.924	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	62169	25.213	ug/L	97
59) Bromoform	12.347	173	28510	22.206	ug/L	98
60) Isopropylbenzene	12.463	105	313276	23.290	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	47390	23.472	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	261125	23.777	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	261219	24.012	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	133873	23.002	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	133796	22.225	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	123587	23.178	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	10664	24.866	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	95928	23.114	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	78765	23.969	ug/L	100
71) Naphthalene	15.365	128	154421	26.136	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	72808	25.226	ug/L	100

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

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