

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022063.D
 Acq On : 03 Feb 2022 05:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: Feb 03 06:20:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	144311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	134763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	69470	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42102	24.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.880%
7) Chloroethane-d5	2.879	69	33514	25.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.160%
11) 1,1-Dichloroethene-d2	4.019	63	70038	22.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.200%
21) 2-Butanone-d5	7.080	46	19480	63.181	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.360%
24) Chloroform-d	7.647	84	84157	25.065	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	8.305	65	43225	25.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.520%
32) Benzene-d6	8.268	84	160985	23.639	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.274	67	44518	24.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	10.323	98	159816	23.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.579	79	19095	23.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.160%
47) 2-Hexanone-d5	10.920	63	17665	65.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42023	27.815	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	60836	24.275	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9540	28.381	ug/L	95
3) Chloromethane	2.215	50	34816	22.957	ug/L	99
5) Vinyl chloride	2.361	62	52360	24.038	ug/L	99
6) Bromomethane	2.775	94	32367	17.474	ug/L	94
8) Chloroethane	2.916	64	27964	24.983	ug/L	96
9) Trichlorofluoromethane	3.257	101	33485	20.363	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41596	23.874	ug/L	97
12) 1,1-Dichloroethene	4.044	96	37377	23.246	ug/L	87
13) Acetone	4.129	43	12849	44.622	ug/L	94
14) Carbon disulfide	4.385	76	104820	22.350	ug/L	100
15) Methyl Acetate	4.665	43	15054	28.589	ug/L #	89
16) Methylene chloride	4.909	84	39976	23.773	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	42113	23.487	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	60235	26.200	ug/L	99
19) 1,1-Dichloroethane	6.214	63	68004	24.480	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	46819	25.446	ug/L	92
22) 2-Butanone	7.171	43	20652	55.394	ug/L	99
23) Bromochloromethane	7.519	128	23162	25.566	ug/L	88
25) Chloroform	7.677	83	77144	24.534	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	48893	26.416	ug/L	98
29) Cyclohexane	7.951	56	60647	22.926	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	68805	23.071	ug/L	99
31) Carbon tetrachloride	8.073	117	65743	22.521	ug/L	100
33) Benzene	8.323	78	166121	23.511	ug/L	100
34) Trichloroethene	9.091	95	46718	23.256	ug/L	98
35) Methylcyclohexane	9.335	83	77223	22.785	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37945	24.451	ug/L	99
38) Bromodichloromethane	9.646	83	53126	23.972	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	61469	24.696	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	45396	59.622	ug/L	100
42) Toluene	10.390	91	192608	24.048	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	53063	24.730	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	33912	25.710	ug/L	99
46) Tetrachloroethene	10.859	164	41828	22.338	ug/L	91
48) 2-Hexanone	10.969	43	32223	56.859	ug/L	96
49) Dibromochloromethane	11.128	129	41476	24.971	ug/L	95
50) 1,2-Dibromoethane	11.237	107	34774	26.628	ug/L	98
51) Chlorobenzene	11.658	112	128051	23.492	ug/L	97
52) Ethylbenzene	11.731	91	212413	24.037	ug/L	98
53) m,p-Xylene	11.835	106	88565	24.155	ug/L	100
54) o-Xylene	12.164	106	82583	24.078	ug/L	95
55) Styrene	12.176	104	141320	25.509	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	39273	27.354	ug/L	97
59) Bromoform	12.347	173	22500	24.523	ug/L #	98
60) Isopropylbenzene	12.463	105	225475	24.842	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	28902	28.558	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	154428	25.654	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	188618	25.718	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	106510	24.493	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	105329	24.197	ug/L	88
67) 1,2-Dichlorobenzene	13.871	146	95336	24.667	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5884	28.577	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	69550	22.245	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	59259	23.862	ug/L	98
71) Naphthalene	15.359	128	111566	27.535	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	49569	23.352	ug/L	98

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

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