

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023745.D
 Acq On : 15 Jul 2022 15:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: Jul 15 22:10:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 06:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	182285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	186537	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	105981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	133479	28.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.680%
7) Chloroethane-d5	2.873	69	89799	28.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.640%
11) 1,1-Dichloroethene-d2	4.013	63	74329	19.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.440%
21) 2-Butanone-d5	7.079	46	29405	40.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.440%
24) Chloroform-d	7.646	84	116557	21.962	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.840%
26) 1,2-Dichloroethane-d4	8.305	65	75730	23.331	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.320%
32) Benzene-d6	8.268	84	226266	23.334	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	9.268	67	67296	23.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.160%
41) Toluene-d8	10.323	98	232831	23.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	10.573	79	32533	23.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.040%
47) 2-Hexanone-d5	10.920	63	29685	48.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	77054	23.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.480%
66) 1,2-Dichlorobenzene-d4	13.846	152	88145	23.298	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	21195	17.110	ug/L	94
3) Chloromethane	2.214	50	68967	22.735	ug/L	98
5) Vinyl chloride	2.355	62	135387	25.991	ug/L	98
6) Bromomethane	2.769	94	82382	24.450	ug/L	97
8) Chloroethane	2.909	64	62831	25.782	ug/L	97
9) Trichlorofluoromethane	3.245	101	55612	23.486	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.043	101	46174	19.926	ug/L	96
12) 1,1-Dichloroethene	4.037	96	37433	19.372	ug/L	81
13) Acetone	4.116	43	19262	37.727	ug/L	92
14) Carbon disulfide	4.379	76	101135	17.793	ug/L	99
15) Methyl Acetate	4.671	43	23241	20.339	ug/L	93
16) Methylene chloride	4.909	84	52445	18.399	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	45432	19.379	ug/L	94
18) Methyl tert-butyl Ether	5.427	73	71091	19.600	ug/L	98
19) 1,1-Dichloroethane	6.208	63	87449	20.221	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	53620	20.644	ug/L #	91
22) 2-Butanone	7.165	43	34539	41.164	ug/L	97
23) Bromochloromethane	7.512	128	26860	21.527	ug/L	98
25) Chloroform	7.671	83	105154	21.106	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	80806	22.038	ug/L	97
29) Cyclohexane	7.951	56	68678	20.131	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	83249	20.612	ug/L	97
31) Carbon tetrachloride	8.061	117	76622	21.045	ug/L	100
33) Benzene	8.317	78	231541	21.843	ug/L	100
34) Trichloroethene	9.085	95	56868	20.316	ug/L	91
35) Methylcyclohexane	9.335	83	89513	21.000	ug/L	97
37) 1,2-Dichloropropane	9.366	63	60413	22.732	ug/L	100
38) Bromodichloromethane	9.640	83	85718	23.110	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	89113	22.247	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	91143	49.285	ug/L	98
42) Toluene	10.384	91	280143	23.173	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	87871	23.080	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	52548	22.613	ug/L	97
46) Tetrachloroethene	10.859	164	47226	21.819	ug/L	93
48) 2-Hexanone	10.963	43	68203	50.654	ug/L	99
49) Dibromochloromethane	11.127	129	61097	22.672	ug/L	99
50) 1,2-Dibromoethane	11.231	107	49559	22.199	ug/L #	91
51) Chlorobenzene	11.658	112	178790	21.928	ug/L	97
52) Ethylbenzene	11.725	91	316073	23.008	ug/L	95
53) m,p-Xylene	11.835	106	119744	22.341	ug/L	97
54) o-Xylene	12.164	106	117744	22.874	ug/L	90
55) Styrene	12.176	104	227540	25.022	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.712	83	74735	23.578	ug/L	95
59) Bromoform	12.347	173	35910	22.979	ug/L #	97
60) Isopropylbenzene	12.463	105	326725	22.950	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	52634	22.649	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	271989	23.336	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	277383	23.803	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	146569	22.675	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	154826	22.514	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	144024	23.626	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	12050	22.482	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	91192	21.315	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	72369	21.906	ug/L	98
71) Naphthalene	15.364	128	170751	24.095	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	76137	24.726	ug/L	93

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

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