

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022172.D
 Acq On : 03 Mar 2022 18:36
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Quant Time: Mar 04 00:35:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 04 00:31:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	148845	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	139980	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79703	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39958	20.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.320%
7) Chloroethane-d5	2.879	69	33349	21.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.019	63	60529	20.360	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.440%
21) 2-Butanone-d5	7.073	46	20432	62.595	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.180%
24) Chloroform-d	7.646	84	78910	23.761	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	8.305	65	40295	23.342	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.360%
32) Benzene-d6	8.268	84	141644	21.742	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	9.274	67	41266	22.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.240%
41) Toluene-d8	10.323	98	134147	20.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.840%
43) trans-1,3-Dichloroprop...	10.579	79	17639	21.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.920	63	18336	61.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43839	27.610	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	60270	23.543	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11232	27.001	ug/L	100
3) Chloromethane	2.208	50	33034	23.175	ug/L	99
5) Vinyl chloride	2.355	62	51345	23.973	ug/L	99
6) Bromomethane	2.775	94	33702	22.531	ug/L	94
8) Chloroethane	2.916	64	30679	25.499	ug/L	97
9) Trichlorofluoromethane	3.257	101	33896	23.310	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41491	23.387	ug/L	98
12) 1,1-Dichloroethene	4.037	96	35342	22.986	ug/L	98
13) Acetone	4.129	43	12223	45.847	ug/L	100
14) Carbon disulfide	4.385	76	77192	19.364	ug/L	97
15) Methyl Acetate	4.665	43	15204	25.332	ug/L	98
16) Methylene chloride	4.909	84	40919	22.397	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	39935	23.647	ug/L	91
18) Methyl tert-butyl Ether	5.433	73	60393	26.285	ug/L	99
19) 1,1-Dichloroethane	6.220	63	67035	24.518	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	43799	23.941	ug/L	96
22) 2-Butanone	7.171	43	21192	55.336	ug/L	96
23) Bromochloromethane	7.512	128	21788	24.380	ug/L	94
25) Chloroform	7.677	83	78220	24.520	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	48466	24.666	ug/L	100
29) Cyclohexane	7.957	56	54387	23.347	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	68858	24.450	ug/L	97
31) Carbon tetrachloride	8.061	117	64851	24.229	ug/L	99
33) Benzene	8.323	78	158485	23.418	ug/L	100
34) Trichloroethene	9.091	95	45608	23.537	ug/L	95
35) Methylcyclohexane	9.335	83	69533	23.199	ug/L	98
37) 1,2-Dichloropropane	9.366	63	37604	23.817	ug/L	98
38) Bromodichloromethane	9.640	83	55815	24.652	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	59706	24.878	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	46504	54.542	ug/L	99
42) Toluene	10.384	91	184845	24.132	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	54525	25.282	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33912	24.222	ug/L	97
46) Tetrachloroethene	10.865	164	38519	22.692	ug/L	96
48) 2-Hexanone	10.963	43	33084	55.906	ug/L	95
49) Dibromochloromethane	11.127	129	41880	24.627	ug/L	99
50) 1,2-Dibromoethane	11.231	107	33465	24.782	ug/L	94
51) Chlorobenzene	11.658	112	127020	23.828	ug/L	97
52) Ethylbenzene	11.731	91	209340	24.694	ug/L	99
53) m,p-Xylene	11.835	106	86894	24.911	ug/L	99
54) o-Xylene	12.164	106	81459	24.819	ug/L	91
55) Styrene	12.176	104	137112	24.919	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	42126	25.933	ug/L	94
59) Bromoform	12.347	173	24663	23.399	ug/L #	99
60) Isopropylbenzene	12.463	105	223502	23.360	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	30334	24.114	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	158241	24.872	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	192510	24.759	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	109258	23.020	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	104830	22.040	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	101826	24.130	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.480	75	6423	24.153	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	76801	22.545	ug/L	89
70) 1,2,4-trichlorobenzene	15.127	180	64755	25.123	ug/L	100
71) Naphthalene	15.358	128	123106	27.055	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	57656	25.861	ug/L	98

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

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