

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023721.D
 Acq On : 15 Jul 2022 00:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Jul 15 03:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 03:40:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	188112	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	189944	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	109504	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	142819	29.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.920%	
7) Chloroethane-d5	2.873	69	89016	27.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.080%	
11) 1,1-Dichloroethene-d2	4.013	63	95045	24.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.160%	
21) 2-Butanone-d5	7.080	46	35972	48.269	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.540%	
24) Chloroform-d	7.647	84	137293	25.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.280%	
26) 1,2-Dichloroethane-d4	8.305	65	85379	25.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.960%	
32) Benzene-d6	8.275	84	267362	27.078	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.320%	
36) 1,2-Dichloropropane-d6	9.275	67	78862	26.515	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.080%	
41) Toluene-d8	10.323	98	263891	26.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.400%	
43) trans-1,3-Dichloroprop...	10.579	79	35689	25.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.400%	
47) 2-Hexanone-d5	10.921	63	33267	53.192	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.380%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	87591	26.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.600%	
66) 1,2-Dichlorobenzene-d4	13.853	152	96308	24.637	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	29301	22.921	ug/L	96
3) Chloromethane	2.215	50	77341	24.705	ug/L	98
5) Vinyl chloride	2.355	62	142565	26.521	ug/L	100
6) Bromomethane	2.770	94	87104	25.051	ug/L	99
8) Chloroethane	2.916	64	63194	25.128	ug/L	100
9) Trichlorofluoromethane	3.245	101	57406	23.493	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	54655	22.855	ug/L	99
12) 1,1-Dichloroethene	4.038	96	46362	23.250	ug/L	90
13) Acetone	4.129	43	22101	41.946	ug/L	95
14) Carbon disulfide	4.379	76	122633	20.906	ug/L	97
15) Methyl Acetate	4.678	43	27532	23.347	ug/L	95
16) Methylene chloride	4.910	84	64142	21.806	ug/L	99
17) trans-1,2-Dichloroethene	5.416	96	56600	23.394	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	93844	25.072	ug/L #	88
19) 1,1-Dichloroethane	6.208	63	107489	24.085	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	63746	23.783	ug/L #	95
22) 2-Butanone	7.171	43	40991	47.340	ug/L	97
23) Bromochloromethane	7.513	128	32178	24.991	ug/L	87
25) Chloroform	7.677	83	127467	24.792	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	95007	25.108	ug/L	97
29) Cyclohexane	7.952	56	78737	22.665	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	100250	24.376	ug/L	99
31) Carbon tetrachloride	8.067	117	90740	24.476	ug/L	98
33) Benzene	8.324	78	270662	25.075	ug/L	100
34) Trichloroethene	9.092	95	66272	23.251	ug/L	92
35) Methylcyclohexane	9.329	83	97001	22.349	ug/L	98
37) 1,2-Dichloropropane	9.366	63	69562	25.706	ug/L	98
38) Bromodichloromethane	9.646	83	98122	25.980	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	101875	24.977	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	100916	53.591	ug/L	99
42) Toluene	10.384	91	313121	25.436	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	96868	24.987	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	58912	24.897	ug/L	96
46) Tetrachloroethene	10.860	164	52666	23.896	ug/L	97
48) 2-Hexanone	10.969	43	71101	51.860	ug/L	97
49) Dibromochloromethane	11.128	129	71241	25.962	ug/L	93
50) 1,2-Dibromoethane	11.232	107	56446	24.830	ug/L #	95
51) Chlorobenzene	11.652	112	204611	24.645	ug/L	100
52) Ethylbenzene	11.725	91	356168	25.461	ug/L	94
53) m,p-Xylene	11.835	106	139036	25.475	ug/L	97
54) o-Xylene	12.164	106	135467	25.845	ug/L	99
55) Styrene	12.177	104	258382	27.904	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	84802	26.275	ug/L	95
59) Bromoform	12.347	173	39583	24.514	ug/L #	96
60) Isopropylbenzene	12.463	105	371466	25.253	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	59352	24.719	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	301992	25.076	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	303004	25.165	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	167601	25.095	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	169276	23.824	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	158989	25.241	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	13283	23.985	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	96757	21.888	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	78279	22.932	ug/L	98
71) Naphthalene	15.365	128	174062	23.772	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	73398	23.069	ug/L	99

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

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