

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023383.D
 Acq On : 02 Jun 2022 18:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Jun 02 21:59:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	401948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	381556	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	131531	22.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
7) Chloroethane-d5	2.885	69	95128	23.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.080%
11) 1,1-Dichloroethene-d2	4.019	63	179239	19.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.480%
21) 2-Butanone-d5	7.080	46	55068	45.010	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.020%
24) Chloroform-d	7.647	84	223904	21.154	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	8.305	65	121517	21.919	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.680%
32) Benzene-d6	8.275	84	428625	20.907	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.640%
36) 1,2-Dichloropropane-d6	9.274	67	126629	21.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.360%
41) Toluene-d8	10.323	98	416697	21.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	10.579	79	56811	21.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.800%
47) 2-Hexanone-d5	10.920	63	45735	48.538	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119939	23.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	156106	22.282	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	46197	27.371	ug/L	97
3) Chloromethane	2.215	50	120046	24.185	ug/L	97
5) Vinyl chloride	2.361	62	176793	22.882	ug/L	98
6) Bromomethane	2.776	94	80380	21.311	ug/L	97
8) Chloroethane	2.922	64	85874	24.148	ug/L	96
9) Trichlorofluoromethane	3.257	101	68102	18.507	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	109749	20.558	ug/L	97
12) 1,1-Dichloroethene	4.038	96	98266	21.332	ug/L	92
13) Acetone	4.123	43	36725	41.266	ug/L	95
14) Carbon disulfide	4.385	76	309378	20.107	ug/L	100
15) Methyl Acetate	4.672	43	43992	21.971	ug/L	99
16) Methylene chloride	4.915	84	117520	20.411	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	115255	21.447	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	184108	23.271	ug/L	99
19) 1,1-Dichloroethane	6.220	63	201678	22.155	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	124616	22.082	ug/L	92
22) 2-Butanone	7.171	43	65234	48.242	ug/L	97
23) Bromochloromethane	7.519	128	58892	21.992	ug/L	96
25) Chloroform	7.677	83	221681	22.249	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	148938	23.218	ug/L	95
29) Cyclohexane	7.958	56	178739	21.866	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	188839	21.385	ug/L	99
31) Carbon tetrachloride	8.067	117	174444	21.005	ug/L	99
33) Benzene	8.323	78	483862	22.138	ug/L	100
34) Trichloroethene	9.091	95	128571	21.720	ug/L	94
35) Methylcyclohexane	9.335	83	213035	21.723	ug/L	99
37) 1,2-Dichloropropane	9.366	63	115232	22.378	ug/L	100
38) Bromodichloromethane	9.646	83	163284	22.402	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	181515	22.443	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	141372	48.444	ug/L	98
42) Toluene	10.390	91	549873	22.646	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	165460	22.863	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	95416	22.633	ug/L	98
46) Tetrachloroethene	10.859	164	98887	20.862	ug/L	90
48) 2-Hexanone	10.969	43	96437	49.442	ug/L	99
49) Dibromochloromethane	11.128	129	117535	22.719	ug/L	99
50) 1,2-Dibromoethane	11.231	107	95477	23.231	ug/L	94
51) Chlorobenzene	11.658	112	361250	22.532	ug/L	98
52) Ethylbenzene	11.731	91	606814	22.757	ug/L	99
53) m,p-Xylene	11.835	106	241303	22.852	ug/L	99
54) o-Xylene	12.164	106	229128	22.681	ug/L	88
55) Styrene	12.182	104	400506	23.263	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	118421	23.782	ug/L	97
59) Bromoform	12.347	173	62905	21.620	ug/L	100
60) Isopropylbenzene	12.463	105	618084	22.738	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84933	23.840	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	533998	23.976	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	406341	23.500	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	272957	22.088	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	281474	22.281	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	260820	23.350	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17358	21.874	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	182115	22.314	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	144783	22.327	ug/L	99
71) Naphthalene	15.365	128	302148	24.749	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	129632	23.096	ug/L	99

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

