

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026382.D
 Acq On : 28 Jun 2023 03:13
 Operator : SY/MD
 Sample : 03420-22MS
 Misc : 5.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K5MS

Quant Time: Jun 28 05:57:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 05:31:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	934336	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	661588	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	180468	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	322385	23.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.000%
7) Chloroethane-d5	2.893	69	259351	26.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.520%
11) 1,1-Dichloroethene-d2	4.021	65	145754	23.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.880%
21) 2-Butanone-d5	7.075	46	188031	44.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.160%
24) Chloroform-d	7.648	84	561039	21.191	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.307	65	325660	21.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.560%
32) Benzene-d6	8.276	84	1102902	26.932	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.720%
36) 1,2-Dichloropropane-d6	9.276	67	343621	25.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.280%
41) Toluene-d8	10.325	98	874014	24.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.575	79	107098	20.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.200%
47) 2-Hexanone-d5	10.922	63	122323	59.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215512	20.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.280%
66) 1,2-Dichlorobenzene-d4	13.854	152	127667	20.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	235239	20.945	ug/L	# 85
3) Chloromethane	2.228	50	316553	19.492	ug/L	97
5) Vinyl chloride	2.375	62	329022	19.485	ug/L	100
6) Bromomethane	2.783	94	164659	17.766	ug/L	94
8) Chloroethane	2.930	64	202868	22.405	ug/L	98
9) Trichlorofluoromethane	3.265	101	237757	19.962	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	205341	15.926	ug/L	96
12) 1,1-Dichloroethene	4.045	96	226477	18.746	ug/L	93
13) Acetone	4.118	43	321252	94.084	ug/L	99
14) Carbon disulfide	4.393	76	643023	15.063	ug/L	100
15) Methyl Acetate	4.667	43	139988	17.884	ug/L	99
16) Methylene chloride	4.923	84	252889	15.994	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	221724	16.698	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	446823	21.515	ug/L	98
19) 1,1-Dichloroethane	6.222	63	512461	18.427	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	256515	17.876	ug/L	95
22) 2-Butanone	7.167	43	272074	52.077	ug/L	99
23) Bromochloromethane	7.514	128	108594	17.643	ug/L	94
25) Chloroform	7.679	83	475389	18.445	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	351613	18.975	ug/L	97
29) Cyclohexane	7.959	56	316828	16.584	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	368980	23.055	ug/L	100
31) Carbon tetrachloride	8.069	117	218544	15.190	ug/L	98
33) Benzene	8.325	78	1023764	22.909	ug/L	100
34) Trichloroethene	9.093	95	237883	20.790	ug/L	98
35) Methylcyclohexane	9.337	83	235377	11.996	ug/L	98
37) 1,2-Dichloropropane	9.367	63	269925	21.619	ug/L	99
38) Bromodichloromethane	9.642	83	293070	20.440	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	310077	17.334	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	421356	52.284	ug/L	99
42) Toluene	10.386	91	940467	20.978	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	253987	16.821	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	183440	21.943	ug/L	97
46) Tetrachloroethene	10.861	164	120348	14.930	ug/L	97
48) 2-Hexanone	10.965	43	269731	47.435	ug/L	95
49) Dibromochloromethane	11.123	129	161029	18.812	ug/L	98
50) 1,2-Dibromoethane	11.233	107	160954	20.971	ug/L	99
51) Chlorobenzene	11.654	112	486816	17.024	ug/L	99
52) Ethylbenzene	11.727	91	854993	16.925	ug/L	98
53) m,p-Xylene	11.837	106	295085	16.017	ug/L	91
54) o-Xylene	12.166	106	285076	16.434	ug/L	88
55) Styrene	12.178	104	418442	13.831	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	177108	16.949	ug/L	96
59) Bromoform	12.349	173	78041	28.586	ug/L	98
60) Isopropylbenzene	12.458	105	609858	22.484	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	150190	34.236	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	396790	18.872	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	398790	19.665	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	184770	15.905	ug/L #	81
65) 1,4-Dichlorobenzene	13.574	146	189168	16.271	ug/L #	64
67) 1,2-Dichlorobenzene	13.867	146	166918	16.132	ug/L #	72
68) 1,2-Dibromo-3-chloropr...	14.476	75	24863	24.590	ug/L	84
69) 1,3,5-Trichlorobenzene	14.629	180	61074	8.181	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	49078	8.033	ug/L #	46
71) Naphthalene	15.360	128	177571	14.459	ug/L #	79
72) 1,2,3-Trichlorobenzene	15.555	180	40553	7.110	ug/L #	44

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

