

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121423\
 Data File : VW027619.D
 Acq On : 14 Dec 2023 10:56
 Operator : SY/MD
 Sample : 05806-07MS
 Misc : 5.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LQ8MS

Quant Time: Dec 15 03:29:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 03:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	350250	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	210119	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	49301	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142916	20.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
7) Chloroethane-d5	2.899	69	116267	22.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.040%
11) 1,1-Dichloroethene-d2	4.027	65	60172	20.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.720%
21) 2-Butanone-d5	7.081	46	44056	23.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.700%
24) Chloroform-d	7.654	84	230871	22.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.320%
26) 1,2-Dichloroethane-d4	8.307	65	90011	16.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.360%#
32) Benzene-d6	8.276	84	465681	31.467	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.880%
36) 1,2-Dichloropropane-d6	9.276	67	134100	30.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.960%#
41) Toluene-d8	10.318	98	349541	26.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	10.581	79	32120	19.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.160%
47) 2-Hexanone-d5	10.922	63	28535	35.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62371	17.381	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.520%
66) 1,2-Dichlorobenzene-d4	13.854	152	40780	23.597	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	127264	27.137	ug/L	98
3) Chloromethane	2.222	50	173506	30.209	ug/L	99
5) Vinyl chloride	2.375	62	195318	29.153	ug/L	99
6) Bromomethane	2.795	94	102427	29.131	ug/L	97
8) Chloroethane	2.936	64	108819	28.438	ug/L	97
9) Trichlorofluoromethane	3.277	101	184584	28.766	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	142664	26.073	ug/L	97
12) 1,1-Dichloroethene	4.045	96	128681	25.758	ug/L	94
13) Acetone	4.124	43	55425	31.130	ug/L	99
14) Carbon disulfide	4.393	76	408135	27.034	ug/L	98
15) Methyl Acetate	4.667	43	33647	10.813	ug/L	99
16) Methylene chloride	4.923	84	127591	22.339	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	133899	25.993	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	165225	19.885	ug/L	99
19) 1,1-Dichloroethane	6.222	63	272195	25.983	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	132175	23.892	ug/L	97
22) 2-Butanone	7.173	43	58355	25.405	ug/L	97
23) Bromochloromethane	7.520	128	44047	20.243	ug/L	99
25) Chloroform	7.679	83	233410	24.538	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	114319	18.595	ug/L	99
29) Cyclohexane	7.959	56	249161	36.069	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	232634	39.689	ug/L	100
31) Carbon tetrachloride	8.069	117	190375	37.237	ug/L	99
33) Benzene	8.325	78	537558	37.068	ug/L	100
34) Trichloroethene	9.093	95	123110	31.079	ug/L	95
35) Methylcyclohexane	9.337	83	195262	27.684	ug/L	99
37) 1,2-Dichloropropane	9.367	63	127379	33.268	ug/L #	93
38) Bromodichloromethane	9.642	83	132784	29.998	ug/L #	99
39) cis-1,3-Dichloropropene	10.075	75	149996	27.137	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	96685	37.357	ug/L	98
42) Toluene	10.386	91	486581	31.723	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	98717	22.139	ug/L	93
45) 1,1,2-Trichloroethane	10.788	97	61057	22.897	ug/L	95
46) Tetrachloroethene	10.861	164	70644	25.016	ug/L	89
48) 2-Hexanone	10.965	43	70386	38.588	ug/L	99
49) Dibromochloromethane	11.129	129	61706	23.410	ug/L	99
50) 1,2-Dibromoethane	11.233	107	46478	19.051	ug/L	100
51) Chlorobenzene	11.660	112	210433	22.741	ug/L	96
52) Ethylbenzene	11.727	91	444071	25.487	ug/L	98
53) m,p-Xylene	11.836	106	160011	24.923	ug/L	99
54) o-Xylene	12.166	106	164037	28.112	ug/L	94
55) Styrene	12.178	104	210529	21.138	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	61507	17.718	ug/L	100
59) Bromoform	12.349	173	25928	37.550	ug/L	99
60) Isopropylbenzene	12.464	105	422636	51.921	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	43294	36.408	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	281650	46.782	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	244809	40.828	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	77135	24.739	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	70968	22.819	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	69102	24.600	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	7039	24.610	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.623	180	32508	15.505	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	16171	9.932	ug/L	98
71) Naphthalene	15.360	128	47492	13.868	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	13526	9.698	ug/L	91

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

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