

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027691.D
 Acq On : 16 Dec 2023 15:00
 Operator : SY/MD
 Sample : 05836-14MSD
 Misc : 5.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCLQ6MSD

Quant Time: Dec 17 00:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	622015	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	574521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	293108	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	173020	19.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.560%
7) Chloroethane-d5	2.899	69	141761	20.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	4.021	65	70818	20.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.280%
21) 2-Butanone-d5	7.081	46	69788	46.524	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.040%
24) Chloroform-d	7.648	84	339078	22.909	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	8.307	65	158267	22.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	8.270	84	715366	21.305	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.240%
36) 1,2-Dichloropropane-d6	9.270	67	207441	21.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	10.325	98	671904	21.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	10.575	79	85475	23.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.840%
47) 2-Hexanone-d5	10.922	63	66285	47.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	164774	22.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	227685	21.701	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	140533	19.411	ug/L	94
3) Chloromethane	2.223	50	171106	20.066	ug/L	98
5) Vinyl chloride	2.375	62	199920	19.707	ug/L	96
6) Bromomethane	2.796	94	135071	20.918	ug/L	96
8) Chloroethane	2.936	64	123167	20.306	ug/L	98
9) Trichlorofluoromethane	3.271	101	182182	19.883	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	160648	20.640	ug/L	94
12) 1,1-Dichloroethene	4.039	96	158127	20.754	ug/L	89
13) Acetone	4.143	43	37126	27.264	ug/L	99
14) Carbon disulfide	4.387	76	511018	19.964	ug/L	98
15) Methyl Acetate	4.679	43	52292	21.256	ug/L	100
16) Methylene chloride	4.923	84	171742	17.609	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	169424	21.029	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	237096	22.258	ug/L	99
19) 1,1-Dichloroethane	6.216	63	289394	21.123	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	186298	21.966	ug/L	96
22) 2-Butanone	7.179	43	62442	34.531	ug/L	99
23) Bromochloromethane	7.514	128	80314	22.426	ug/L	95
25) Chloroform	7.673	83	292729	21.695	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173267	21.903	ug/L	97
29) Cyclohexane	7.959	56	260976	19.199	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	236169	19.679	ug/L	99
31) Carbon tetrachloride	8.069	117	212866	20.155	ug/L	98
33) Benzene	8.319	78	672893	20.204	ug/L	100
34) Trichloroethene	9.093	95	181371	19.979	ug/L	96
35) Methylcyclohexane	9.331	83	320854	19.596	ug/L	99
37) 1,2-Dichloropropane	9.368	63	167530	20.838	ug/L	99
38) Bromodichloromethane	9.642	83	206481	21.131	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	267714	21.848	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	148199	42.176	ug/L	99
42) Toluene	10.386	91	737980	20.594	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	213044	22.078	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	125187	21.032	ug/L	97
46) Tetrachloroethene	10.861	164	137449	18.961	ug/L	99
48) 2-Hexanone	10.965	43	101507	38.811	ug/L	99
49) Dibromochloromethane	11.130	129	135890	21.829	ug/L	99
50) 1,2-Dibromoethane	11.233	107	119142	21.063	ug/L	91
51) Chlorobenzene	11.654	112	477387	20.852	ug/L	95
52) Ethylbenzene	11.727	91	830756	20.573	ug/L	98
53) m,p-Xylene	11.837	106	326553	21.054	ug/L	91
54) o-Xylene	12.166	106	307510	21.292	ug/L	97
55) Styrene	12.178	104	534249	21.943	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	142796	21.046	ug/L	99
59) Bromoform	12.349	173	77242	21.529	ug/L	97
60) Isopropylbenzene	12.459	105	843426	20.389	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	98751	20.215	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	697592	21.095	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	692671	21.279	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	375042	20.980	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	373430	20.797	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	324663	20.886	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	19880	20.371	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	246953	19.854	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	214279	20.978	ug/L	89
71) Naphthalene	15.360	128	395111	21.828	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	182730	21.396	ug/L	98

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

