

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031538.D
 Acq On : 26 Dec 2024 18:59
 Operator : SY/MD
 Sample : P5378-05MSD
 Misc : 6.09g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

Quant Time: Dec 27 00:28:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	289585	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	118694	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	80494	18.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.880%
7) Chloroethane-d5	2.893	69	72197	22.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	4.021	65	38038	18.404	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.600%
21) 2-Butanone-d5	7.081	46	57112	69.601	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.200%#
24) Chloroform-d	7.648	84	179102	22.573	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	8.307	65	110031	27.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.440%
32) Benzene-d6	8.276	84	336197	20.260	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.040%
36) 1,2-Dichloropropane-d6	9.270	67	109189	22.577	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	10.319	98	293074	18.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.920%
43) trans-1,3-Dichloroprop...	10.575	79	47144	21.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.560%
47) 2-Hexanone-d5	10.922	63	44315	68.137	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.280%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99650	32.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.280%#
66) 1,2-Dichlorobenzene-d4	13.849	152	95406	21.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.009	85	41721	15.941	ug/L	100
3) Chloromethane	2.216	50	51104	17.381	ug/L	95
5) Vinyl chloride	2.369	62	65726	16.131	ug/L	96
6) Bromomethane	2.790	94	53461	21.341	ug/L	98
8) Chloroethane	2.930	64	47500	19.602	ug/L	98
9) Trichlorofluoromethane	3.271	101	94413	21.751	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	64461	18.390	ug/L	96
12) 1,1-Dichloroethene	4.045	96	54933	15.474	ug/L	91
13) Acetone	4.143	43	85711	75.004	ug/L #	100
14) Carbon disulfide	4.387	76	137756	11.898	ug/L	97
15) Methyl Acetate	4.679	43	41572	32.029	ug/L	96
16) Methylene chloride	4.917	84	77302	21.216	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	62277	16.274	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	210377	32.885	ug/L	99
19) 1,1-Dichloroethane	6.222	63	135126	18.897	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	86651	20.929	ug/L	99
22) 2-Butanone	7.173	43	81410	58.795	ug/L	96
23) Bromochloromethane	7.514	128	40608	24.593	ug/L	93
25) Chloroform	7.679	83	147039	20.835	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	115161	25.955	ug/L	99
29) Cyclohexane	7.953	56	94551	13.467	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	109942	16.430	ug/L	99
31) Carbon tetrachloride	8.063	117	89051	14.937	ug/L	100
33) Benzene	8.325	78	280249	17.516	ug/L	100
34) Trichloroethene	9.093	95	73397	16.249	ug/L	96
35) Methylcyclohexane	9.331	83	103895	13.208	ug/L	97
37) 1,2-Dichloropropane	9.368	63	83203	20.846	ug/L	100
38) Bromodichloromethane	9.642	83	107840	20.783	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	131126	19.442	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	129775	61.286	ug/L	97
42) Toluene	10.386	91	285154	16.370	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	114457	20.784	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	73759	27.783	ug/L	98
46) Tetrachloroethene	10.861	164	45854	13.859	ug/L	91
48) 2-Hexanone	10.965	43	112338	62.377	ug/L	98
49) Dibromochloromethane	11.123	129	72137	22.923	ug/L	97
50) 1,2-Dibromoethane	11.233	107	71081	28.264	ug/L	92
51) Chlorobenzene	11.654	112	188733	17.281	ug/L	97
52) Ethylbenzene	11.727	91	294088	14.567	ug/L	99
53) m,p-Xylene	11.831	106	115725	15.058	ug/L	98
54) o-Xylene	12.160	106	118846	16.408	ug/L	97
55) Styrene	12.178	104	205855	17.086	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	94063	32.868	ug/L	99
59) Bromoform	12.343	173	41409	24.834	ug/L	99
60) Isopropylbenzene	12.459	105	284669	14.656	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	68272	33.614	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	239931	14.570	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	264930	16.645	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	138653	17.619	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	136023	17.445	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	137331	20.253	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	15698	30.457	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	88858	16.122	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	82223	17.934	ug/L	99
71) Naphthalene	15.354	128	231593	28.812	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	74328	20.121	ug/L	93

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

