

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122724\
 Data File : VW031543.D
 Acq On : 27 Dec 2024 11:43
 Operator : SY/MD
 Sample : P5378-05MSD
 Misc : 5.55g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE634MSD

Quant Time: Dec 27 22:21:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1007579	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	878806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	424530	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	266576	17.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.320%
7) Chloroethane-d5	2.899	69	222189	19.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.240%
11) 1,1-Dichloroethene-d2	4.015	65	123399	17.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.640%
21) 2-Butanone-d5	7.100	46	100018	35.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.060%
24) Chloroform-d	7.648	84	516487	18.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.840%
26) 1,2-Dichloroethane-d4	8.301	65	261824	18.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.520%
32) Benzene-d6	8.270	84	1009528	17.923	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.680%
36) 1,2-Dichloropropane-d6	9.270	67	298968	18.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.840%
41) Toluene-d8	10.318	98	945363	18.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.160%
43) trans-1,3-Dichloroprop...	10.575	79	126190	16.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.680%
47) 2-Hexanone-d5	10.922	63	80902	36.646	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	207699	20.151	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	296065	18.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	126097	13.848	ug/L	99
3) Chloromethane	2.216	50	135830	13.278	ug/L	99
5) Vinyl chloride	2.369	62	222046	15.662	ug/L	98
6) Bromomethane	2.789	94	145746	16.722	ug/L	98
8) Chloroethane	2.930	64	146766	17.408	ug/L	100
9) Trichlorofluoromethane	3.265	101	233166	15.438	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	198602	16.285	ug/L	95
12) 1,1-Dichloroethene	4.039	96	188716	15.278	ug/L	99
13) Acetone	4.167	43	142239	35.773	ug/L #	100
14) Carbon disulfide	4.381	76	470280	11.674	ug/L	100
15) Methyl Acetate	4.685	43	68974	15.273	ug/L	96
16) Methylene chloride	4.917	84	206940	16.323	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	203918	15.315	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	370605	16.650	ug/L	98
19) 1,1-Dichloroethane	6.216	63	403093	16.201	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	252608	17.535	ug/L	98
22) 2-Butanone	7.185	43	141220	29.313	ug/L	96
23) Bromochloromethane	7.508	128	100731	17.533	ug/L	91
25) Chloroform	7.679	83	418338	17.036	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	265282	17.184	ug/L	99
29) Cyclohexane	7.953	56	317229	13.311	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	339151	14.931	ug/L	99
31) Carbon tetrachloride	8.063	117	292299	14.444	ug/L	98
33) Benzene	8.319	78	869545	16.011	ug/L	100
34) Trichloroethene	9.087	95	239537	15.623	ug/L	91
35) Methylcyclohexane	9.331	83	363620	13.618	ug/L	97
37) 1,2-Dichloropropane	9.367	63	226486	16.717	ug/L	99
38) Bromodichloromethane	9.642	83	288099	16.357	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	365384	15.960	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	228461	31.784	ug/L	98
42) Toluene	10.386	91	942268	15.936	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	300587	16.080	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	160525	17.813	ug/L	94
46) Tetrachloroethene	10.855	164	166798	14.852	ug/L	96
48) 2-Hexanone	10.965	43	205011	33.536	ug/L	100
49) Dibromochloromethane	11.123	129	174665	16.352	ug/L	93
50) 1,2-Dibromoethane	11.233	107	149169	17.474	ug/L	94
51) Chlorobenzene	11.654	112	606688	16.365	ug/L	96
52) Ethylbenzene	11.727	91	1090792	15.918	ug/L	98
53) m,p-Xylene	11.836	106	415745	15.937	ug/L	92
54) o-Xylene	12.160	106	401119	16.315	ug/L	94
55) Styrene	12.178	104	688152	16.827	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	183096	18.848	ug/L	97
59) Bromoform	12.342	173	94011	15.763	ug/L	99
60) Isopropylbenzene	12.458	105	1106060	15.921	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	127244	17.516	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	875938	14.872	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	885788	15.560	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	453647	16.117	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	446240	16.001	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	405485	16.719	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	26953	14.621	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	274404	13.920	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	222956	13.596	ug/L	99
71) Naphthalene	15.354	128	444156	15.449	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	182570	13.818	ug/L	99

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

