

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029457.D
 Acq On : 02 Jul 2024 20:18
 Operator : SY/MD
 Sample : P3124-03MSD
 Misc : 5.76g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CB3MSD

Quant Time: Jul 03 05:47:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	257988	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	157475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	33893	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73203	20.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.000%
7) Chloroethane-d5	2.893	69	63097	20.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
11) 1,1-Dichloroethene-d2	4.027	65	34962	20.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.120%
21) 2-Butanone-d5	7.075	46	43570	40.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.560%
24) Chloroform-d	7.648	84	164789	21.413	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.640%
26) 1,2-Dichloroethane-d4	8.307	65	102722	23.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	8.276	84	297167	31.068	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.280%
36) 1,2-Dichloropropane-d6	9.270	67	100050	32.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.640%#
41) Toluene-d8	10.325	98	211611	25.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.040%
43) trans-1,3-Dichloroprop...	10.581	79	24562	20.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.200%
47) 2-Hexanone-d5	10.922	63	25208	52.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64159	26.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	23773	20.207	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	36397	14.460	ug/L #	87
3) Chloromethane	2.222	50	47171	13.144	ug/L	100
5) Vinyl chloride	2.375	62	63702	15.456	ug/L	99
6) Bromomethane	2.789	94	24582	9.924	ug/L	92
8) Chloroethane	2.936	64	42536	16.874	ug/L	100
9) Trichlorofluoromethane	3.265	101	53580	16.768	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	43449	12.333	ug/L	92
12) 1,1-Dichloroethene	4.045	96	48413	16.195	ug/L	85
13) Acetone	4.118	43	31407	34.593	ug/L	97
14) Carbon disulfide	4.393	76	113831	11.665	ug/L	100
15) Methyl Acetate	4.673	43	19391	10.758	ug/L	100
16) Methylene chloride	4.923	84	71548	15.772	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	51530	15.522	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	118780	22.364	ug/L	98
19) 1,1-Dichloroethane	6.222	63	127828	17.828	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	59892	16.360	ug/L	98
22) 2-Butanone	7.173	43	58247	46.801	ug/L	93
23) Bromochloromethane	7.520	128	28680	17.599	ug/L	94
25) Chloroform	7.679	83	120309	17.184	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	90414	17.510	ug/L	99
29) Cyclohexane	7.959	56	53317	14.810	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	85923	24.537	ug/L	97
31) Carbon tetrachloride	8.075	117	67692	21.161	ug/L	97
33) Benzene	8.325	78	233297	24.656	ug/L	100
34) Trichloroethene	9.093	95	50261	19.910	ug/L	97
35) Methylcyclohexane	9.337	83	39492	9.947	ug/L	98
37) 1,2-Dichloropropane	9.368	63	68117	25.620	ug/L	99
38) Bromodichloromethane	9.642	83	75887	23.344	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	54821	14.586	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	110240	66.897	ug/L	99
42) Toluene	10.386	91	191242	19.661	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	50827	16.016	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	48121	25.987	ug/L	93
46) Tetrachloroethene	10.861	164	26164	14.827	ug/L	90
48) 2-Hexanone	10.965	43	76499	65.422	ug/L	91
49) Dibromochloromethane	11.123	129	41201	21.285	ug/L	99
50) 1,2-Dibromoethane	11.233	107	37304	22.442	ug/L	96
51) Chlorobenzene	11.654	112	92211	14.598	ug/L	98
52) Ethylbenzene	11.727	91	157026	14.221	ug/L	96
53) m,p-Xylene	11.837	106	54079	13.409	ug/L	95
54) o-Xylene	12.160	106	52788	14.005	ug/L	98
55) Styrene	12.178	104	75329	11.462	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	46892	20.472	ug/L	96
59) Bromoform	12.349	173	20557	44.254	ug/L	95
60) Isopropylbenzene	12.458	105	115588	25.595	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	40279	54.485	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	63214	19.327	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	65364	18.574	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	31400	16.067	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	31868	15.326	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	28258	15.640	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	14.476	75	6511	37.741	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.629	180	10949	8.301	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	7378	6.900	ug/L	96
71) Naphthalene	15.360	128	21736	10.300	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	6273	6.439	ug/L	96

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

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