

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029866.D
 Acq On : 08 Aug 2024 16:50
 Operator : SY/MD
 Sample : P3481-10MSD
 Misc : 5.16g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AE4MSD

Quant Time: Aug 09 00:52:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 00:48:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	297770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	85384	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	19838	4.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	18.760%#
7) Chloroethane-d5	2.899	69	25414	8.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.680%
11) 1,1-Dichloroethene-d2	4.027	65	10897	5.647	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	22.600%#
21) 2-Butanone-d5	7.075	46	65948	56.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.840%
24) Chloroform-d	7.648	84	127146	16.495	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.960%
26) 1,2-Dichloroethane-d4	8.307	65	74429	16.952	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.800%#
32) Benzene-d6	8.276	84	163601	12.386	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	49.560%
36) 1,2-Dichloropropane-d6	9.270	67	75219	17.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.360%
41) Toluene-d8	10.325	98	121613	10.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	41.440%
43) trans-1,3-Dichloroprop...	10.575	79	24705	14.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.920%
47) 2-Hexanone-d5	10.922	63	43290	62.251	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81905	26.155	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	47984	18.099	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78137	19.467	ug/L	94
3) Chloromethane	2.223	50	101869	20.510	ug/L	100
5) Vinyl chloride	2.375	62	119812	21.529	ug/L	99
6) Bromomethane	2.790	94	64096	20.975	ug/L	99
8) Chloroethane	2.936	64	72686	22.959	ug/L	99
9) Trichlorofluoromethane	3.265	101	103645	23.316	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94473	21.339	ug/L	95
12) 1,1-Dichloroethene	4.045	96	87169	21.428	ug/L #	84
13) Acetone	4.119	43	96406	66.953	ug/L	100
14) Carbon disulfide	4.387	76	249982	18.466	ug/L	97
15) Methyl Acetate	4.667	43	55501	23.141	ug/L	99
16) Methylene chloride	4.917	84	109722	17.626	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	94506	21.559	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	182963	25.324	ug/L	98
19) 1,1-Dichloroethane	6.216	63	210385	22.755	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	106761	22.452	ug/L	98
22) 2-Butanone	7.167	43	89963	48.761	ug/L	100
23) Bromochloromethane	7.514	128	44867	22.226	ug/L	95
25) Chloroform	7.679	83	197467	22.670	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	139357	21.952	ug/L	100
29) Cyclohexane	7.953	56	167678	24.137	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	158361	25.582	ug/L	98
31) Carbon tetrachloride	8.069	117	131699	23.610	ug/L	96
33) Benzene	8.325	78	419775	25.063	ug/L	100
34) Trichloroethene	9.093	95	101765	23.177	ug/L	96
35) Methylcyclohexane	9.337	83	157465	21.522	ug/L	98
37) 1,2-Dichloropropane	9.368	63	116917	25.473	ug/L	100
38) Bromodichloromethane	9.642	83	130749	23.921	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	155741	23.299	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	161553	55.413	ug/L	100
42) Toluene	10.386	91	427724	25.018	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	122619	22.097	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	76142	24.693	ug/L	95
46) Tetrachloroethene	10.861	164	68232	21.381	ug/L	95
48) 2-Hexanone	10.965	43	125463	57.459	ug/L	100
49) Dibromochloromethane	11.123	129	74846	23.382	ug/L	91
50) 1,2-Dibromoethane	11.233	107	66770	23.403	ug/L	97
51) Chlorobenzene	11.654	112	230194	21.646	ug/L	97
52) Ethylbenzene	11.727	91	437863	22.705	ug/L	97
53) m,p-Xylene	11.837	106	157478	22.204	ug/L	99
54) o-Xylene	12.166	106	153643	23.524	ug/L	94
55) Styrene	12.178	104	229538	20.275	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	85829	22.678	ug/L #	98
59) Bromoform	12.349	173	38635	30.071	ug/L	98
60) Isopropylbenzene	12.459	105	411227	31.124	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65726	31.650	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	312499	31.820	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	308008	29.326	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	127159	22.557	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	125468	21.668	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	114189	22.249	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13254	28.109	ug/L	95
69) 1,3,5-Trichlorobenzene	14.617	180	63034	16.343	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	41773	12.856	ug/L	97
71) Naphthalene	15.360	128	103771	16.737	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	35267	11.992	ug/L	96

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

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