

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029412.D
 Acq On : 28 Jun 2024 20:46
 Operator : SY/MD
 Sample : P3088-03MS
 Misc : 5.20g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CC5MS

Quant Time: Jun 29 02:16:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	406883	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142526	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88746	15.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.040%
7) Chloroethane-d5	2.893	69	80009	16.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.280%
11) 1,1-Dichloroethene-d2	4.021	65	48172	17.716	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.880%
21) 2-Butanone-d5	7.075	46	51536	30.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.180%
24) Chloroform-d	7.648	84	244086	20.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.440%
26) 1,2-Dichloroethane-d4	8.307	65	131013	18.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	8.276	84	449408	21.338	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.360%
36) 1,2-Dichloropropane-d6	9.270	67	149447	22.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.280%
41) Toluene-d8	10.318	98	397838	21.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	10.575	79	50814	18.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.320%
47) 2-Hexanone-d5	10.922	63	36536	34.813	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104993	19.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	104293	21.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64135	16.156	ug/L	93
3) Chloromethane	2.222	50	91431	16.153	ug/L	100
5) Vinyl chloride	2.375	62	113027	17.389	ug/L	97
6) Bromomethane	2.789	94	55258	14.144	ug/L	94
8) Chloroethane	2.936	64	73804	18.564	ug/L	96
9) Trichlorofluoromethane	3.265	101	113225	22.468	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	107930	19.425	ug/L #	94
12) 1,1-Dichloroethene	4.045	96	97910	20.767	ug/L	90
13) Acetone	4.118	43	36289	25.343	ug/L	97
14) Carbon disulfide	4.387	76	251283	16.327	ug/L	99
15) Methyl Acetate	4.673	43	39284	13.820	ug/L	98
16) Methylene chloride	4.917	84	123040	17.198	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	105398	20.131	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	179505	21.429	ug/L	99
19) 1,1-Dichloroethane	6.222	63	236312	20.898	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	121492	21.043	ug/L	97
22) 2-Butanone	7.173	43	64235	32.725	ug/L	98
23) Bromochloromethane	7.514	128	51072	19.871	ug/L	91
25) Chloroform	7.679	83	234344	21.223	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155358	19.077	ug/L	98
29) Cyclohexane	7.959	56	172725	21.790	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	186065	24.132	ug/L	95
31) Carbon tetrachloride	8.069	117	161202	22.887	ug/L	97
33) Benzene	8.325	78	483684	23.216	ug/L	100
34) Trichloroethene	9.093	95	125946	22.659	ug/L	98
35) Methylcyclohexane	9.337	83	166070	18.998	ug/L	99
37) 1,2-Dichloropropane	9.367	63	135634	23.169	ug/L	99
38) Bromodichloromethane	9.642	83	163171	22.796	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	170787	20.638	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	145387	40.068	ug/L	99
42) Toluene	10.386	91	492638	23.001	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	143400	20.522	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	87560	21.475	ug/L	98
46) Tetrachloroethene	10.861	164	80666	20.761	ug/L	96
48) 2-Hexanone	10.965	43	92845	36.061	ug/L	100
49) Dibromochloromethane	11.129	129	93505	21.939	ug/L	94
50) 1,2-Dibromoethane	11.233	107	73948	20.204	ug/L	91
51) Chlorobenzene	11.654	112	305145	21.940	ug/L	99
52) Ethylbenzene	11.727	91	558224	22.961	ug/L	100
53) m,p-Xylene	11.836	106	203007	22.860	ug/L	97
54) o-Xylene	12.160	106	193877	23.360	ug/L	98
55) Styrene	12.178	104	313051	21.633	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	98707	19.571	ug/L	93
59) Bromoform	12.342	173	46674	23.894	ug/L	96
60) Isopropylbenzene	12.458	105	517637	27.257	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72294	23.255	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	369397	26.858	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	393369	26.582	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	198375	24.138	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	192272	21.989	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	166960	21.975	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14882	20.514	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	92747	16.721	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	67405	14.991	ug/L	97
71) Naphthalene	15.360	128	143965	16.223	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	53730	13.115	ug/L	96

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

