

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029196.D
 Acq On : 18 Jun 2024 22:25
 Operator : SY/MD
 Sample : P2934-06MS
 Misc : 5.62g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4B72MS

Quant Time: Jun 19 01:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:46:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	400750	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	338380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134456	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	112393	20.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.899	69	95379	20.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	4.021	65	52654	19.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.640%
21) 2-Butanone-d5	7.075	46	69235m	41.720	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.440%
24) Chloroform-d	7.648	84	245516	20.537	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.160%
26) 1,2-Dichloroethane-d4	8.307	65	144814	21.099	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	8.276	84	472294	22.979	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	9.270	67	153380	23.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	10.325	98	415629	22.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	10.575	79	45237	17.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.720%
47) 2-Hexanone-d5	10.922	63	32124	31.365	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113831	21.891	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	98629	21.133	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73333	18.756	ug/L	98
3) Chloromethane	2.222	50	90540	16.241	ug/L	99
5) Vinyl chloride	2.375	62	123402	19.275	ug/L	95
6) Bromomethane	2.783	94	51007	13.256	ug/L	96
8) Chloroethane	2.930	64	81946	20.927	ug/L	97
9) Trichlorofluoromethane	3.271	101	105503	21.256	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	100930	18.443	ug/L #	63
12) 1,1-Dichloroethene	4.045	96	96403	20.761	ug/L	94
13) Acetone	4.118	43	43838	31.084	ug/L	99
14) Carbon disulfide	4.393	76	247455	16.325	ug/L	100
15) Methyl Acetate	4.673	43	31952	11.412	ug/L	99
16) Methylene chloride	4.923	84	131263	18.628	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	106558	20.664	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	205071	24.856	ug/L	98
19) 1,1-Dichloroethane	6.216	63	240209	21.567	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	122226	21.494	ug/L	94
22) 2-Butanone	7.173	43	71389	36.927	ug/L	97
23) Bromochloromethane	7.514	128	54159	21.394	ug/L	93
25) Chloroform	7.679	83	235264	21.632	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	171360	21.364	ug/L	99
29) Cyclohexane	7.953	56	173311	22.404	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	178518	23.725	ug/L	97
31) Carbon tetrachloride	8.069	117	152446	22.178	ug/L	97
33) Benzene	8.325	78	484045	23.807	ug/L	100
34) Trichloroethene	9.093	95	119272	21.988	ug/L	95
35) Methylcyclohexane	9.337	83	158942	18.632	ug/L	99
37) 1,2-Dichloropropane	9.367	63	138418	24.228	ug/L	98
38) Bromodichloromethane	9.642	83	164682	23.576	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	133004	16.469	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	161865	45.712	ug/L	99
42) Toluene	10.386	91	492788	23.577	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	124830	18.306	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	96823	24.334	ug/L	97
46) Tetrachloroethene	10.861	164	79140	20.871	ug/L	79
48) 2-Hexanone	10.965	43	82236	32.729	ug/L	98
49) Dibromochloromethane	11.129	129	99004	23.803	ug/L	93
50) 1,2-Dibromoethane	11.233	107	79967	22.389	ug/L	100
51) Chlorobenzene	11.654	112	294592	21.704	ug/L	96
52) Ethylbenzene	11.727	91	530874	22.375	ug/L	96
53) m,p-Xylene	11.837	106	190477	21.979	ug/L	91
54) o-Xylene	12.160	106	186149	22.983	ug/L	94
55) Styrene	12.178	104	272333	19.284	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	111825	22.720	ug/L	98
59) Bromoform	12.349	173	49642	26.938	ug/L	98
60) Isopropylbenzene	12.458	105	486730	27.168	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	85117	29.023	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	346833	26.731	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	363487	26.037	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	175903	22.688	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	180552	21.888	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	156874	21.887	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	17679	25.832	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	83164	15.894	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	61100	14.405	ug/L	96
71) Naphthalene	15.360	128	154702	18.479	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	50515	13.070	ug/L	99

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

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