

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028257.D
 Acq On : 27 Mar 2024 17:48
 Operator : SY/MD
 Sample : P1891-02MS
 Misc : 4.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07A9MS

Quant Time: Mar 28 01:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	175038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	53370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	61704	21.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
7) Chloroethane-d5	2.899	69	50979	25.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
11) 1,1-Dichloroethene-d2	4.021	65	42035	22.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.640%
21) 2-Butanone-d5	7.075	46	62640	73.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.840%#
24) Chloroform-d	7.648	84	201942	27.700	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	8.301	65	113539	28.260	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.040%
32) Benzene-d6	8.276	84	377852	35.357	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.440%#
36) 1,2-Dichloropropane-d6	9.270	67	113009	36.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.000%#
41) Toluene-d8	10.319	98	304161	30.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.440%
43) trans-1,3-Dichloroprop...	10.575	79	45367	32.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.920%
47) 2-Hexanone-d5	10.922	63	50486	99.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	198.620%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76766	33.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.160%#
66) 1,2-Dichlorobenzene-d4	13.848	152	53421	27.477	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64013	17.848	ug/L	95
3) Chloromethane	2.222	50	59278	23.303	ug/L	99
5) Vinyl chloride	2.375	62	64923	22.578	ug/L	99
6) Bromomethane	2.789	94	41082	23.990	ug/L	95
8) Chloroethane	2.936	64	38819	25.117	ug/L	91
9) Trichlorofluoromethane	3.265	101	87103	25.055	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67297	19.486	ug/L	97
12) 1,1-Dichloroethene	4.045	96	76579	23.986	ug/L	96
13) Acetone	4.118	43	59998	63.334	ug/L	98
14) Carbon disulfide	4.387	76	185323	18.611	ug/L	100
15) Methyl Acetate	4.667	43	39485	27.059	ug/L	100
16) Methylene chloride	4.917	84	84370	22.421	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	75658	22.299	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	141444	27.631	ug/L	99
19) 1,1-Dichloroethane	6.216	63	167582	25.513	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	91609	25.000	ug/L	95
22) 2-Butanone	7.167	43	64414	59.888	ug/L	97
23) Bromochloromethane	7.514	128	40036	24.714	ug/L	95
25) Chloroform	7.673	83	168549	24.925	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	115359	24.157	ug/L #	96
29) Cyclohexane	7.959	56	94373	20.671	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	134847	29.389	ug/L	99
31) Carbon tetrachloride	8.069	117	115322	26.795	ug/L	98
33) Benzene	8.325	78	343530	31.894	ug/L	100
34) Trichloroethene	9.093	95	84612	28.157	ug/L	96
35) Methylcyclohexane	9.337	83	67850	13.358	ug/L	100
37) 1,2-Dichloropropane	9.368	63	88227	32.024	ug/L	99
38) Bromodichloromethane	9.642	83	115243	31.026	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	137203	31.097	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	117239	77.094	ug/L	98
42) Toluene	10.386	91	326896	27.808	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	109830	29.484	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	63586	31.944	ug/L	99
46) Tetrachloroethene	10.861	164	51368	21.206	ug/L	92
48) 2-Hexanone	10.965	43	93920	78.842	ug/L	98
49) Dibromochloromethane	11.129	129	70788	30.028	ug/L	99
50) 1,2-Dibromoethane	11.233	107	58304	30.633	ug/L	99
51) Chlorobenzene	11.654	112	179674	24.080	ug/L	98
52) Ethylbenzene	11.727	91	304436	22.185	ug/L	98
53) m,p-Xylene	11.837	106	107756	20.867	ug/L	96
54) o-Xylene	12.160	106	106405	22.220	ug/L	88
55) Styrene	12.178	104	177590	21.590	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	62594	27.492	ug/L	99
59) Bromoform	12.343	173	38291	47.880	ug/L	97
60) Isopropylbenzene	12.458	105	227360	28.673	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	50223	49.307	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	128410	24.135	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	157417	24.503	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	81669	23.086	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	82840	23.418	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	75615	24.821	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	9826	41.067	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	24432	9.915	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	17060	8.149	ug/L	95
71) Naphthalene	15.354	128	59721	16.621	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	12888	7.468	ug/L	91

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

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