

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
 Data File : VW030714.D
 Acq On : 22 Oct 2024 19:32
 Operator : SY/MD
 Sample : P4415-23MSD
 Misc : 4.47g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F44MSD

Quant Time: Oct 23 01:41:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 23 01:34:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	419117	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	316049	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94745	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73171	11.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.440%
7) Chloroethane-d5	2.899	69	81154	16.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.080%
11) 1,1-Dichloroethene-d2	4.021	65	29648	10.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.280%#
21) 2-Butanone-d5	7.075	46	53675	45.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.540%
24) Chloroform-d	7.648	84	241295	20.132	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.520%
26) 1,2-Dichloroethane-d4	8.307	65	119733	19.211	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.840%
32) Benzene-d6	8.276	84	350291	19.096	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	9.270	67	127500	23.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	10.325	98	254666	15.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.840%
43) trans-1,3-Dichloroprop...	10.575	79	44784	19.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.440%
47) 2-Hexanone-d5	10.922	63	42272	60.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93221	23.577	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	62263	19.422	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71881	13.424	ug/L	98
3) Chloromethane	2.223	50	94605	15.201	ug/L	100
5) Vinyl chloride	2.375	62	114796	14.999	ug/L	96
6) Bromomethane	2.789	94	81394	16.157	ug/L	92
8) Chloroethane	2.936	64	77261	16.513	ug/L	99
9) Trichlorofluoromethane	3.265	101	102536	14.973	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	91550	14.859	ug/L #	70
12) 1,1-Dichloroethene	4.039	96	81410	14.478	ug/L	95
13) Acetone	4.119	43	29875	17.212	ug/L	94
14) Carbon disulfide	4.393	76	180064	9.806	ug/L	100
15) Methyl Acetate	4.667	43	32076	14.960	ug/L	95
16) Methylene chloride	4.917	84	98916	15.611	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	89521	14.754	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	146614	17.265	ug/L	100
19) 1,1-Dichloroethane	6.222	63	188690	16.732	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	103943	16.061	ug/L	96
22) 2-Butanone	7.167	43	39897	21.324	ug/L	98
23) Bromochloromethane	7.514	128	43859	15.491	ug/L	95
25) Chloroform	7.679	83	196033	16.267	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120759	15.189	ug/L	100
29) Cyclohexane	7.959	56	119509	15.534	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	152784	18.211	ug/L	99
31) Carbon tetrachloride	8.069	117	128821	17.191	ug/L	94
33) Benzene	8.325	78	385394	18.738	ug/L	100
34) Trichloroethene	9.093	95	90997	15.903	ug/L	96
35) Methylcyclohexane	9.331	83	121921	13.539	ug/L	99
37) 1,2-Dichloropropane	9.368	63	102731	19.999	ug/L	100
38) Bromodichloromethane	9.642	83	130142	19.043	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	141220	18.227	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	94865	38.442	ug/L	99
42) Toluene	10.386	91	363018	16.544	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	112129	17.222	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	67405	18.157	ug/L	98
46) Tetrachloroethene	10.861	164	50609	11.992	ug/L	98
48) 2-Hexanone	10.965	43	65163	32.290	ug/L	97
49) Dibromochloromethane	11.123	129	70209	16.949	ug/L	99
50) 1,2-Dibromoethane	11.233	107	56968	16.445	ug/L #	99
51) Chlorobenzene	11.654	112	202759	14.355	ug/L	99
52) Ethylbenzene	11.727	91	328244	13.110	ug/L	100
53) m,p-Xylene	11.837	106	117355	12.511	ug/L	97
54) o-Xylene	12.166	106	116727	13.460	ug/L	95
55) Styrene	12.178	104	173767	11.721	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	65541	15.655	ug/L	98
59) Bromoform	12.349	173	31961	24.010	ug/L	100
60) Isopropylbenzene	12.458	105	251093	17.113	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47814	25.935	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	174755	15.097	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	174312	15.380	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	92871	14.542	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	96530	14.638	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	82598	14.697	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	8704	21.173	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	38622	9.171	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	27502	8.112	ug/L	99
71) Naphthalene	15.360	128	64803	11.063	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	22706	7.725	ug/L	93

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

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