

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030919.D
 Acq On : 04 Nov 2024 20:37
 Operator : SY/MD
 Sample : P4622-14MSD
 Misc : 4.63g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BH8M6MSD

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 05 00:43:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:39:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	559405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	465059	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	215668	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	225035	24.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.120%
7) Chloroethane-d5	2.899	69	171371	24.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	4.021	65	90864	24.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.000%
21) 2-Butanone-d5	7.075	46	122653	81.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.480%#
24) Chloroform-d	7.648	84	421645	25.568	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.280%
26) 1,2-Dichloroethane-d4	8.307	65	232614	28.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.480%
32) Benzene-d6	8.276	84	813743	28.165	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.680%
36) 1,2-Dichloropropane-d6	9.270	67	250000	29.353	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.400%
41) Toluene-d8	10.318	98	703758	27.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.640%
43) trans-1,3-Dichloroprop...	10.574	79	106123	30.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.960%
47) 2-Hexanone-d5	10.922	63	100066	90.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.300%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215294	36.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.120%#
66) 1,2-Dichlorobenzene-d4	13.848	152	212096	26.998	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.000%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	79092	13.273	ug/L 91
3) Chloromethane	2.222	50	125710	15.657	ug/L 98
5) Vinyl chloride	2.375	62	137413	14.441	ug/L 93
6) Bromomethane	2.789	94	93377	14.945	ug/L 94
8) Chloroethane	2.936	64	85587	14.837	ug/L 100
9) Trichlorofluoromethane	3.265	101	123279	14.196	ug/L 98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	122084m	15.271	ug/L
12) 1,1-Dichloroethene	4.045	96	112067m	15.499	ug/L
13) Acetone	4.118	43	94071	51.014	ug/L 97
14) Carbon disulfide	4.393	76	329594	13.866	ug/L 100
15) Methyl Acetate	4.673	43	66658	24.644	ug/L 100
16) Methylene chloride	4.923	84	130548	16.507	ug/L 97
17) trans-1,2-Dichloroethene	5.429	96	120255	15.160	ug/L 98
18) Methyl tert-butyl Ether	5.429	73	220558	20.600	ug/L 99
19) 1,1-Dichloroethane	6.215	63	237926	16.073	ug/L 98
20) cis-1,2-Dichloroethene	7.173	96	140501	16.696	ug/L 99
22) 2-Butanone	7.167	43	117151	56.730	ug/L 98
23) Bromochloromethane	7.514	128	67700	18.370	ug/L 96
25) Chloroform	7.673	83	252199	16.193	ug/L 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176607	18.207	ug/L	97
29) Cyclohexane	7.959	56	171905	15.425	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	184268	15.425	ug/L	99
31) Carbon tetrachloride	8.069	117	159858	14.892	ug/L	99
33) Benzene	8.325	78	517537	17.265	ug/L	100
34) Trichloroethene	9.093	95	121723	14.726	ug/L	98
35) Methylcyclohexane	9.331	83	177416	13.542	ug/L	99
37) 1,2-Dichloropropane	9.367	63	138062	18.429	ug/L	98
38) Bromodichloromethane	9.642	83	177155	18.007	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	215666	19.245	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	196073	57.231	ug/L	99
42) Toluene	10.385	91	486805	15.336	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	181906	19.539	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	114587	21.310	ug/L	99
46) Tetrachloroethene	10.861	164	75912	12.013	ug/L	94
48) 2-Hexanone	10.965	43	165084	63.336	ug/L	96
49) Dibromochloromethane	11.123	129	119550	20.391	ug/L	96
50) 1,2-Dibromoethane	11.233	107	109934	22.169	ug/L #	98
51) Chlorobenzene	11.654	112	297660	14.652	ug/L	98
52) Ethylbenzene	11.727	91	440479	12.281	ug/L	100
53) m,p-Xylene	11.836	106	166279	12.327	ug/L	100
54) o-Xylene	12.160	106	175368	14.129	ug/L	97
55) Styrene	12.178	104	309009	14.571	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	138480	23.598	ug/L	99
59) Bromoform	12.349	173	69910	22.701	ug/L	99
60) Isopropylbenzene	12.458	105	372157	11.313	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	103137	25.508	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	289413	11.173	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	297620	11.799	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	195852	13.558	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	198954	13.416	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	200050	15.539	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	23466	27.412	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	110723	11.551	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	111979	14.712	ug/L	96
71) Naphthalene	15.360	128	310113	25.133	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	118716	18.098	ug/L	89

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

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