

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030924.D
 Acq On : 04 Nov 2024 22:39
 Operator : SY/MD
 Sample : P4586-04MSD
 Misc : 5.70g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EE9MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 05 00:46:56 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	362391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294365	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125970	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	123690	20.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.899	69	102871	22.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
11) 1,1-Dichloroethene-d2	4.021	65	52381	21.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.440%
21) 2-Butanone-d5	7.081	46	71596	73.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.400%#
24) Chloroform-d	7.648	84	272876	25.542	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	8.306	65	147150	27.703	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	8.270	84	511636	27.978	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.920%
36) 1,2-Dichloropropane-d6	9.270	67	159483	29.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.320%
41) Toluene-d8	10.324	98	427442	26.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.240%
43) trans-1,3-Dichloroprop...	10.574	79	66233	30.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.240%
47) 2-Hexanone-d5	10.922	63	60843	87.083	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	133406	35.519	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.080%#
66) 1,2-Dichlorobenzene-d4	13.848	152	124282	27.085	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.015	85	92265m	23.902	ug/L
3) Chloromethane	2.228	50	137255	26.388	ug/L
5) Vinyl chloride	2.375	62	142866	23.176	ug/L
6) Bromomethane	2.789	94	101707	25.128	ug/L
8) Chloroethane	2.929	64	90346	24.176	ug/L
9) Trichlorofluoromethane	3.265	101	123451	21.944	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	119669	23.107	ug/L
12) 1,1-Dichloroethene	4.045	96	112124	23.937	ug/L
13) Acetone	4.124	43	67737	56.703	ug/L
14) Carbon disulfide	4.399	76	341823	22.199	ug/L
15) Methyl Acetate	4.673	43	69777	39.822	ug/L
16) Methylene chloride	4.923	84	147176	28.727	ug/L
17) trans-1,2-Dichloroethene	5.429	96	130301	25.357	ug/L
18) Methyl tert-butyl Ether	5.429	73	245384	35.379	ug/L
19) 1,1-Dichloroethane	6.215	63	261581	27.279	ug/L
20) cis-1,2-Dichloroethene	7.173	96	158364	29.050	ug/L
22) 2-Butanone	7.166	43	97864	73.153	ug/L
23) Bromochloromethane	7.514	128	75538	31.640	ug/L
25) Chloroform	7.672	83	275034	27.259	ug/L

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192139	30.577	ug/L	97
29) Cyclohexane	7.953	56	171730	24.344	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	194226	25.686	ug/L	99
31) Carbon tetrachloride	8.069	117	165282	24.326	ug/L	98
33) Benzene	8.325	78	552823	29.137	ug/L	100
34) Trichloroethene	9.087	95	128921	24.641	ug/L	92
35) Methylcyclohexane	9.331	83	173129	20.878	ug/L	98
37) 1,2-Dichloropropane	9.367	63	153347	32.340	ug/L	98
38) Bromodichloromethane	9.642	83	198415	31.863	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	227333	32.049	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	195652	90.224	ug/L	99
42) Toluene	10.385	91	508548	25.311	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	198917	33.756	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	123346	36.240	ug/L	98
46) Tetrachloroethene	10.861	164	73643	18.412	ug/L	96
48) 2-Hexanone	10.965	43	139728	84.694	ug/L	96
49) Dibromochloromethane	11.129	129	130437	35.149	ug/L	94
50) 1,2-Dibromoethane	11.233	107	116640	37.161	ug/L	98
51) Chlorobenzene	11.653	112	318577	24.775	ug/L	96
52) Ethylbenzene	11.727	91	458664	20.204	ug/L	95
53) m,p-Xylene	11.836	106	170205	19.934	ug/L	91
54) o-Xylene	12.166	106	182761	23.263	ug/L	98
55) Styrene	12.178	104	336912	25.099	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	146375	39.408	ug/L	98
59) Bromoform	12.348	173	73061	40.618	ug/L	98
60) Isopropylbenzene	12.464	105	368826	19.194	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	105966	44.868	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	291499	19.267	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	302911	20.559	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	197116	23.363	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	206697	23.863	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	205884	27.379	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	23531	47.062	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	118165	21.105	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	109680	24.671	ug/L	96
71) Naphthalene	15.360	128	311702	43.250	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	116703	30.459	ug/L	95

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

