

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030016.D
 Acq On : 23 Aug 2024 17:30
 Operator : SY/MD
 Sample : P3721-08MS
 Misc : 5.42g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ0MS

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/26/2024
 Supervised By :Mahesh Dadoda 08/27/2024

Quant Time: Aug 24 05:05:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	465231	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	369649	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134899	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71724	10.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.440%
7) Chloroethane-d5	2.893	69	64676	13.716	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.880%
11) 1,1-Dichloroethene-d2	4.021	65	36818	12.212	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.840%
21) 2-Butanone-d5	7.075	46	61623	34.041	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.080%
24) Chloroform-d	7.648	84	208005	17.272	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.080%
26) 1,2-Dichloroethane-d4	8.300	65	111723	16.287	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.160%#
32) Benzene-d6	8.276	84	365933	18.322	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.280%
36) 1,2-Dichloropropane-d6	9.270	67	115186	18.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.240%
41) Toluene-d8	10.325	98	325966	18.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	10.574	79	47808	18.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.120%
47) 2-Hexanone-d5	10.922	63	50489	48.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92687	19.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	75712	18.075	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.320%#
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	74109	11.818	ug/L	100
3) Chloromethane	2.222	50	80296	10.348	ug/L	98
5) Vinyl chloride	2.369	62	107952	12.416	ug/L	98
6) Bromomethane	2.789	94	72565	15.199	ug/L	95
8) Chloroethane	2.930	64	69193	13.989	ug/L	97
9) Trichlorofluoromethane	3.265	101	111866	16.107	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	100651	14.551	ug/L	97
12) 1,1-Dichloroethene	4.045	96	98966	15.571	ug/L	78
13) Acetone	4.118	43	100569	44.703	ug/L	92
14) Carbon disulfide	4.393	76	228331	10.795	ug/L	98
15) Methyl Acetate	4.667	43	50163m	13.387	ug/L	
16) Methylene chloride	4.917	84	132633	13.637	ug/L	82
17) trans-1,2-Dichloroethene	5.423	96	107858	15.748	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	206312	18.277	ug/L	95
19) 1,1-Dichloroethane	6.215	63	214860	14.874	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	125067	16.834	ug/L	90
22) 2-Butanone	7.167	43	67161	23.299	ug/L	83
23) Bromochloromethane	7.514	128	56630	17.955	ug/L #	67
25) Chloroform	7.679	83	231333	16.998	ug/L	97

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27) 1,2-Dichloroethane	8.398	62	147386	14.860	ug/L	98
29) Cyclohexane	7.953	56	140044	13.332	ug/L	88
30) 1,1,1-Trichloroethane	7.874	97	183213	19.572	ug/L	94
31) Carbon tetrachloride	8.069	117	154861	18.360	ug/L	97
33) Benzene	8.325	78	457230	18.053	ug/L	100
34) Trichloroethene	9.087	95	118858	17.902	ug/L	97
35) Methylcyclohexane	9.331	83	157274	14.216	ug/L	93
37) 1,2-Dichloropropane	9.367	63	118217	17.032	ug/L #	97
38) Bromodichloromethane	9.642	83	160653	19.437	ug/L	94
39) cis-1,3-Dichloropropene	10.068	75	183052	18.110	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	153805	34.888	ug/L #	88
42) Toluene	10.385	91	475126	18.378	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	151150	18.013	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	92198	19.773	ug/L	98
46) Tetrachloroethene	10.861	164	80767	16.737	ug/L	87
48) 2-Hexanone	10.965	43	108420	32.836	ug/L #	91
49) Dibromochloromethane	11.129	129	97872	20.219	ug/L	96
50) 1,2-Dibromoethane	11.233	107	86533	20.057	ug/L	97
51) Chlorobenzene	11.654	112	271303	16.871	ug/L	93
52) Ethylbenzene	11.727	91	488138	16.739	ug/L	97
53) m,p-Xylene	11.836	106	179022	16.692	ug/L	98
54) o-Xylene	12.166	106	173729	17.590	ug/L	94
55) Styrene	12.178	104	268440	15.680	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	101972	17.818	ug/L #	96
59) Bromoform	12.349	173	51945	25.591	ug/L	95
60) Isopropylbenzene	12.458	105	458278	21.954	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76693	23.375	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	342435	22.070	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	338288	20.387	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	159862	17.949	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	163967	17.923	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	140814	17.366	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	17140	23.008	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.616	180	77397	12.702	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	60041	11.696	ug/L	97
71) Naphthalene	15.360	128	143967	14.697	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	47019	10.119	ug/L	96

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

