

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030048.D
 Acq On : 27 Aug 2024 16:45
 Operator : SY/MD
 Sample : P3722-02MS
 Misc : 5.36g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYD5MS

Quant Time: Aug 28 01:17:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	308431	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263268	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84596	18.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
7) Chloroethane-d5	2.899	69	60873	18.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
11) 1,1-Dichloroethene-d2	4.027	65	37093	18.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.680%
21) 2-Butanone-d5	7.075	46	52340	57.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.420%
24) Chloroform-d	7.648	84	167230	20.106	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.440%
26) 1,2-Dichloroethane-d4	8.307	65	92095	21.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.240%
32) Benzene-d6	8.270	84	332305	21.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.270	67	104530	22.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.840%
41) Toluene-d8	10.325	98	297181	21.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.040%
43) trans-1,3-Dichloroprop...	10.575	79	42322	22.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.922	63	46299	66.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85993	25.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	73019	20.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	52143	14.699	ug/L	99
3) Chloromethane	2.223	50	66773	16.192	ug/L	99
5) Vinyl chloride	2.375	62	68590	14.072	ug/L	94
6) Bromomethane	2.790	94	44456	14.676	ug/L	98
8) Chloroethane	2.936	64	41780	14.875	ug/L	96
9) Trichlorofluoromethane	3.265	101	63528	15.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	61181	15.150	ug/L	97
12) 1,1-Dichloroethene	4.045	96	58308	14.748	ug/L #	80
13) Acetone	4.125	43	183183	218.893	ug/L	98
14) Carbon disulfide	4.393	76	195000	15.900	ug/L	98
15) Methyl Acetate	4.673	43	39513	24.217	ug/L	97
16) Methylene chloride	4.923	84	69684	13.677	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	66609	15.234	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	117815	17.620	ug/L	99
19) 1,1-Dichloroethane	6.216	63	130639	16.079	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	73306	15.169	ug/L	91
22) 2-Butanone	7.173	43	46672	38.974	ug/L	97
23) Bromochloromethane	7.514	128	31019	15.133	ug/L	87
25) Chloroform	7.679	83	129269	15.555	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89048	16.739	ug/L	99
29) Cyclohexane	7.953	56	102268	16.088	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	100009	16.219	ug/L	99
31) Carbon tetrachloride	8.069	117	87930	15.872	ug/L	99
33) Benzene	8.325	78	280195	16.611	ug/L	100
34) Trichloroethene	9.093	95	71844	15.818	ug/L	96
35) Methylcyclohexane	9.337	83	106404	14.304	ug/L	96
37) 1,2-Dichloropropane	9.368	63	73916	17.305	ug/L	99
38) Bromodichloromethane	9.642	83	92456	17.155	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	112158	17.060	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	105586	49.660	ug/L	96
42) Toluene	10.386	91	292113	16.262	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	94774	17.815	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	56763	18.131	ug/L	98
46) Tetrachloroethene	10.855	164	48371	14.032	ug/L	91
48) 2-Hexanone	10.965	43	75135	49.709	ug/L	96
49) Dibromochloromethane	11.123	129	59227	17.805	ug/L	100
50) 1,2-Dibromoethane	11.233	107	52707	18.023	ug/L	88
51) Chlorobenzene	11.654	112	166892	14.531	ug/L	91
52) Ethylbenzene	11.727	91	306832	15.075	ug/L	97
53) m,p-Xylene	11.837	106	113940	15.001	ug/L	92
54) o-Xylene	12.160	106	106403	14.595	ug/L	98
55) Styrene	12.178	104	172741	14.142	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	69605	19.743	ug/L	97
59) Bromoform	12.349	173	32308	21.650	ug/L	96
60) Isopropylbenzene	12.459	105	277901	17.383	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	50101	24.589	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	208563	17.545	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	213787	17.063	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	107570	15.783	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	106663	15.492	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	96243	15.786	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11400	26.138	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	49042	11.022	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	41791	10.851	ug/L	100
71) Naphthalene	15.360	128	123150	16.746	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	37945	11.225	ug/L	96

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

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