

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062123\
 Data File : VW026286.D
 Acq On : 21 Jun 2023 13:32
 Operator : SY/MD
 Sample : 03334-06MSD
 Misc : 5.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW01MSD

Quant Time: Jun 22 01:35:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 22 01:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	766037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	700472	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	341374	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	179327	16.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.560%
7) Chloroethane-d5	2.899	69	174394	21.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
11) 1,1-Dichloroethene-d2	4.021	65	96915	18.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.960%
21) 2-Butanone-d5	7.075	46	188302	60.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.040%
24) Chloroform-d	7.648	84	489340	21.814	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.307	65	275238	22.438	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.760%
32) Benzene-d6	8.276	84	921559	19.552	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	9.276	67	324109	21.705	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.840%
41) Toluene-d8	10.325	98	788595	18.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.480%
43) trans-1,3-Dichloroprop...	10.575	79	114162	19.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.160%
47) 2-Hexanone-d5	10.922	63	132364	56.217	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	278288	25.610	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	270449	20.698	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	169174	18.015	ug/L	91
3) Chloromethane	2.223	50	236899	19.674	ug/L	96
5) Vinyl chloride	2.375	62	264755	20.570	ug/L	99
6) Bromomethane	2.790	94	142371	20.291	ug/L	97
8) Chloroethane	2.930	64	160169	23.029	ug/L	98
9) Trichlorofluoromethane	3.271	101	188449	22.759	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	211471	20.240	ug/L	98
12) 1,1-Dichloroethene	4.045	96	202686	20.781	ug/L	82
13) Acetone	4.119	43	151820	62.538	ug/L	99
14) Carbon disulfide	4.393	76	589858	17.132	ug/L	99
15) Methyl Acetate	4.667	43	125555	23.044	ug/L	99
16) Methylene chloride	4.923	84	235932	19.297	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	216434	19.778	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	374415	21.709	ug/L	100
19) 1,1-Dichloroethane	6.216	63	466089	20.922	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	300861	25.956	ug/L	99
22) 2-Butanone	7.167	43	189442	54.704	ug/L	98
23) Bromochloromethane	7.514	128	102862	20.808	ug/L	93
25) Chloroform	7.679	83	442540	21.327	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305525	21.349	ug/L	99
29) Cyclohexane	7.959	56	402324	18.604	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	349093	20.537	ug/L	99
31) Carbon tetrachloride	8.075	117	304082	19.603	ug/L	99
33) Benzene	8.325	78	971350	20.243	ug/L	100
34) Trichloroethene	9.093	95	444050	36.140	ug/L	97
35) Methylcyclohexane	9.337	83	403758	18.571	ug/L	99
37) 1,2-Dichloropropane	9.368	63	276048	21.240	ug/L	100
38) Bromodichloromethane	9.642	83	312732	20.711	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	394017	20.630	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	363917	47.493	ug/L	99
42) Toluene	10.386	91	996134	20.296	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	334456	21.019	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	186161	21.733	ug/L	97
46) Tetrachloroethene	10.861	164	186513	21.461	ug/L	97
48) 2-Hexanone	10.965	43	278232	51.498	ug/L	97
49) Dibromochloromethane	11.123	129	191792	21.356	ug/L	99
50) 1,2-Dibromoethane	11.233	107	167905	21.170	ug/L	97
51) Chlorobenzene	11.654	112	601900	19.571	ug/L	97
52) Ethylbenzene	11.727	91	1109273	20.036	ug/L	100
53) m,p-Xylene	11.837	106	413817	20.092	ug/L	95
54) o-Xylene	12.160	106	393582	20.246	ug/L	97
55) Styrene	12.178	104	682130	20.453	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	232280	22.407	ug/L	99
59) Bromoform	12.349	173	106387	20.749	ug/L	99
60) Isopropylbenzene	12.459	105	1089079	20.308	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	168108	21.984	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	879860	20.639	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	809945	20.743	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	445107	19.740	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	456485	20.108	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	412706	20.382	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	36067	20.358	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	279965	18.075	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	225252	17.624	ug/L	99
71) Naphthalene	15.360	128	461242	20.249	ug/L	99
72) 1,2,3-Trichlorobenzene	15.556	180	201217	18.014	ug/L	99

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

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