

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061923\
 Data File : VW026243.D
 Acq On : 19 Jun 2023 12:54
 Operator : SY/MD
 Sample : 03307-09REMSD
 Misc : 5.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10MSD

Quant Time: Jun 20 03:17:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	123870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	107281	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	49068	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	35405	20.317	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
7) Chloroethane-d5	2.887	69	35263	27.032	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.120%
11) 1,1-Dichloroethene-d2	4.021	65	17895	20.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.320%
21) 2-Butanone-d5	7.081	46	23536	46.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.780%
24) Chloroform-d	7.648	84	83160	22.926	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	8.307	65	44395	22.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.520%
32) Benzene-d6	8.276	84	154341	21.380	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.276	67	49830	21.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	10.325	98	118854	18.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.280%
43) trans-1,3-Dichloroprop...	10.581	79	16124	17.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.160%
47) 2-Hexanone-d5	10.922	63	8272	22.939	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42806	25.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	35829	19.077	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	44467	29.284	ug/L	94
3) Chloromethane	2.216	50	48939	25.135	ug/L	93
5) Vinyl chloride	2.363	62	59066	28.380	ug/L	97
6) Bromomethane	2.790	94	30280	26.688	ug/L	92
8) Chloroethane	2.924	64	35931	31.948	ug/L	99
9) Trichlorofluoromethane	3.265	101	75390	56.306	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	48216	28.538	ug/L	99
12) 1,1-Dichloroethene	4.039	96	118594	75.196	ug/L #	61
13) Acetone	4.125	43	28768	73.284	ug/L	95
14) Carbon disulfide	4.387	76	126941	22.800	ug/L	99
15) Methyl Acetate	4.673	43	24224	27.495	ug/L	98
16) Methylene chloride	4.917	84	46453	23.496	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	40686	22.993	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	81800	29.331	ug/L	97
19) 1,1-Dichloroethane	6.216	63	95624	26.545	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	45997	24.540	ug/L	99
22) 2-Butanone	7.173	43	28590	51.056	ug/L	98
23) Bromochloromethane	7.520	128	19076	23.864	ug/L	97
25) Chloroform	7.673	83	83996	25.034	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	64620	27.924	ug/L	99
29) Cyclohexane	7.953	56	71908	21.711	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	86712	33.307	ug/L	98
31) Carbon tetrachloride	8.069	117	62958	26.500	ug/L	98
33) Benzene	8.325	78	183726	25.000	ug/L	100
34) Trichloroethene	9.093	95	45094	23.963	ug/L	95
35) Methylcyclohexane	9.337	83	72049	21.637	ug/L	97
37) 1,2-Dichloropropane	9.368	63	51431	25.838	ug/L	99
38) Bromodichloromethane	9.642	83	57568	24.893	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	60879	20.812	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	44364	37.803	ug/L	99
42) Toluene	10.386	91	170945	22.742	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	52342	21.478	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	33340	25.414	ug/L	97
46) Tetrachloroethene	10.861	164	31815	23.902	ug/L	94
48) 2-Hexanone	10.971	43	22718	27.455	ug/L	95
49) Dibromochloromethane	11.123	129	33053	24.031	ug/L	94
50) 1,2-Dibromoethane	11.233	107	29616	24.381	ug/L	100
51) Chlorobenzene	11.654	112	101177	21.480	ug/L	100
52) Ethylbenzene	11.727	91	175255	20.668	ug/L	98
53) m,p-Xylene	11.837	106	64905	20.576	ug/L	99
54) o-Xylene	12.166	106	61775	20.749	ug/L	99
55) Styrene	12.178	104	99980	19.574	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	42241	26.606	ug/L	100
59) Bromoform	12.343	173	17474	23.710	ug/L	97
60) Isopropylbenzene	12.465	105	175604	22.781	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	30469	27.721	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	120824	19.718	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	106290	18.939	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	70067	21.619	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	65990	20.224	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	57767	19.849	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	5892	23.138	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	40132	18.026	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	25176	13.704	ug/L	96
71) Naphthalene	15.360	128	31931	9.752	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	20401	12.707	ug/L	97

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

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