

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029171.D
 Acq On : 18 Jun 2024 11:55
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV451

Quant Time: Jun 19 01:38:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:31:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	266188	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123436	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	83640	22.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.800%
7) Chloroethane-d5	2.893	69	70230	22.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
11) 1,1-Dichloroethene-d2	4.021	65	38920	21.879	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.520%
21) 2-Butanone-d5	7.075	46	58728	53.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.560%
24) Chloroform-d	7.648	84	189460	23.860	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.440%
26) 1,2-Dichloroethane-d4	8.301	65	111313	24.416	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.680%
32) Benzene-d6	8.276	84	364418	24.545	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	9.270	67	115772	24.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.325	98	340242	25.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	10.575	79	48569	25.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.160%
47) 2-Hexanone-d5	10.922	63	41702	56.366	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96313	25.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	100880	23.545	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	48768	18.779	ug/L	99
3) Chloromethane	2.222	50	76239	20.589	ug/L	99
5) Vinyl chloride	2.375	62	82143	19.317	ug/L	94
6) Bromomethane	2.783	94	52549	20.560	ug/L	93
8) Chloroethane	2.936	64	55766	21.440	ug/L	100
9) Trichlorofluoromethane	3.265	101	72411	21.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	72737	20.010	ug/L	96
12) 1,1-Dichloroethene	4.045	96	67918	22.020	ug/L	97
13) Acetone	4.118	43	45086	48.129	ug/L	96
14) Carbon disulfide	4.387	76	205991	20.459	ug/L	99
15) Methyl Acetate	4.667	43	47036	25.292	ug/L #	76
16) Methylene chloride	4.917	84	84965	18.153	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	77258	22.555	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	131874	24.064	ug/L	99
19) 1,1-Dichloroethane	6.216	63	166265	22.475	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	86853	22.994	ug/L	93
22) 2-Butanone	7.173	43	64303	50.076	ug/L	100
23) Bromochloromethane	7.508	128	37506	22.306	ug/L	93
25) Chloroform	7.673	83	164905	22.828	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123173	23.119	ug/L	99
29) Cyclohexane	7.959	56	128618	23.017	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	125405	23.072	ug/L	97
31) Carbon tetrachloride	8.069	117	112034	22.563	ug/L	94
33) Benzene	8.319	78	348082	23.700	ug/L	100
34) Trichloroethene	9.093	95	87235	22.263	ug/L	95
35) Methylcyclohexane	9.331	83	141209	22.915	ug/L	98
37) 1,2-Dichloropropane	9.367	63	97714	23.677	ug/L	99
38) Bromodichloromethane	9.642	83	118935	23.571	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	144718	24.807	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	137205	53.640	ug/L	99
42) Toluene	10.386	91	363820	24.096	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	123986	25.170	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	70181	24.417	ug/L	96
46) Tetrachloroethene	10.861	164	63668	23.244	ug/L	86
48) 2-Hexanone	10.965	43	99662	54.909	ug/L	100
49) Dibromochloromethane	11.129	129	71185	23.692	ug/L	95
50) 1,2-Dibromoethane	11.233	107	64558	25.021	ug/L	95
51) Chlorobenzene	11.654	112	226044	23.055	ug/L	95
52) Ethylbenzene	11.727	91	409074	23.868	ug/L	97
53) m,p-Xylene	11.837	106	152542	24.367	ug/L	96
54) o-Xylene	12.160	106	143612	24.546	ug/L	96
55) Styrene	12.178	104	254308	24.929	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	85847	24.146	ug/L	98
59) Bromoform	12.343	173	40234	23.782	ug/L	99
60) Isopropylbenzene	12.458	105	397925	24.194	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65493	24.326	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	293283	24.622	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	316268	24.677	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	172657	24.258	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	173080	22.855	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	156047	23.715	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	14325	22.800	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.623	180	108875	22.665	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	91552	23.511	ug/L	98
71) Naphthalene	15.360	128	199831	26.001	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83447	23.519	ug/L	93

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

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