

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061424\
 Data File : VD079188.D
 Acq On : 14 Jun 2024 11:04
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025898

Quant Time: Jun 15 02:18:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 14 04:47:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	219443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	219568	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	112886	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	135528	20.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.280%
7) Chloroethane-d5	2.799	69	108879	16.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.680%
11) 1,1-Dichloroethene-d2	3.911	65	23539	19.635	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.560%
21) 2-Butanone-d5	6.981	46	25581	49.527	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.060%
24) Chloroform-d	7.563	84	128696	20.975	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.880%
26) 1,2-Dichloroethane-d4	8.228	65	62621	22.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.480%
32) Benzene-d6	8.199	84	255745	21.011	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.040%
36) 1,2-Dichloropropane-d6	9.204	67	73023	20.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.320%
41) Toluene-d8	10.269	98	243522	21.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.480%
43) trans-1,3-Dichloroprop...	10.522	79	33947	23.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.120%
47) 2-Hexanone-d5	10.875	63	22720	50.124	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	69430	22.356	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	83796	21.509	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	76512	22.026	ug/L	99
3) Chloromethane	2.146	50	127577	27.555	ug/L	98
5) Vinyl chloride	2.281	62	186959	24.465	ug/L	94
6) Bromomethane	2.693	94	127860	21.673	ug/L	97
8) Chloroethane	2.834	64	116459	20.793	ug/L	96
9) Trichlorofluoromethane	3.169	101	160258	27.529	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	81553	23.362	ug/L	97
12) 1,1-Dichloroethene	3.934	96	74586	24.542	ug/L	94
13) Acetone	4.022	43	50780	67.909	ug/L	99
14) Carbon disulfide	4.269	76	260602	24.581	ug/L	99
15) Methyl Acetate	4.563	43	29210	28.670	ug/L	97
16) Methylene chloride	4.799	84	97708	24.989	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	84319	25.673	ug/L	94
18) Methyl tert-butyl Ether	5.311	73	173054	29.709	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	134073	25.355	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	93852	27.444	ug/L	97
22) 2-Butanone	7.075	43	53558	68.180	ug/L	95
23) Bromochloromethane	7.416	128	46029	26.548	ug/L	96
25) Chloroform	7.593	83	154118	25.671	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	94849	27.216	ug/L #	94
29) Cyclohexane	7.875	56	102202	25.798	ug/L	99
30) 1,1,1-Trichloroethane	7.787	97	126774	24.387	ug/L	99
31) Carbon tetrachloride	7.993	117	115756	23.962	ug/L	98
33) Benzene	8.246	78	347146	26.545	ug/L	100
34) Trichloroethene	9.022	95	86333	25.632	ug/L	98
35) Methylcyclohexane	9.275	83	138108	24.746	ug/L	99
37) 1,2-Dichloropropane	9.304	63	83916	26.197	ug/L	100
38) Bromodichloromethane	9.581	83	116591	26.183	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	137207	27.439	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	84894	63.488	ug/L	98
42) Toluene	10.328	91	391732	26.976	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	120744	28.555	ug/L	95
45) 1,1,2-Trichloroethane	10.728	97	75677	26.929	ug/L	97
46) Tetrachloroethene	10.804	164	73446	24.765	ug/L	98
48) 2-Hexanone	10.916	43	80960	69.969	ug/L	98
49) Dibromochloromethane	11.069	129	87346	26.247	ug/L	94
50) 1,2-Dibromoethane	11.175	107	71466	27.671	ug/L #	93
51) Chlorobenzene	11.604	112	256146	26.510	ug/L	99
52) Ethylbenzene	11.681	91	405329	26.759	ug/L	98
53) m,p-Xylene	11.793	106	163301	27.478	ug/L	100
54) o-Xylene	12.116	106	156386	27.237	ug/L	93
55) Styrene	12.134	104	288944	28.382	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	88565	28.155	ug/L	95
59) Bromoform	12.298	173	54196	26.195	ug/L	98
60) Isopropylbenzene	12.416	105	399170	26.742	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	57343	28.772	ug/L	99
62) 1,3,5-Trimethylbenzene	12.898	105	277127	27.154	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	303938	27.844	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	188747	26.322	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	199888	26.309	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	176514	26.628	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	12096	29.524	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	116418	25.742	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	100262	26.693	ug/L	99
71) Naphthalene	15.328	128	200481	28.540	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	90435	27.858	ug/L	97

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

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