

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091824\
 Data File : VD079857.D
 Acq On : 18 Sep 2024 10:20
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025911

Quant Time: Sep 24 13:28:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 19 01:50:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	180698	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	169404	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	138555	17.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.520%
7) Chloroethane-d5	2.805	69	117812	18.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.760%
11) 1,1-Dichloroethene-d2	3.916	65	27857	19.527	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.120%
21) 2-Butanone-d5	6.993	46	30753	42.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.260%
24) Chloroform-d	7.563	84	121820	20.509	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.040%
26) 1,2-Dichloroethane-d4	8.234	65	66371	21.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.480%
32) Benzene-d6	8.204	84	261722	21.883	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	9.210	67	78206	21.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.400%
41) Toluene-d8	10.269	98	235028	22.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	10.528	79	34634	21.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.875	63	27594	46.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.420%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	61605	22.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	13.810	152	69470	21.949	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	65143	18.906	ug/L	99
3) Chloromethane	2.146	50	115750	19.164	ug/L	100
5) Vinyl chloride	2.281	62	141032	19.055	ug/L	95
6) Bromomethane	2.699	94	80476	21.594	ug/L	99
8) Chloroethane	2.840	64	96637	19.763	ug/L	98
9) Trichlorofluoromethane	3.175	101	104793	19.692	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	58339	19.805	ug/L	98
12) 1,1-Dichloroethene	3.934	96	53681	19.566	ug/L	89
13) Acetone	4.022	43	42374	47.609	ug/L	95
14) Carbon disulfide	4.269	76	163376	18.307	ug/L	100
15) Methyl Acetate	4.563	43	28855	20.353	ug/L #	69
16) Methylene chloride	4.805	84	66259	18.557	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	60337	20.625	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	143144	21.751	ug/L	99
19) 1,1-Dichloroethane	6.110	63	120378	20.717	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	68164	21.162	ug/L	95
22) 2-Butanone	7.081	43	47955	45.931	ug/L	97
23) Bromochloromethane	7.428	128	29396	21.503	ug/L	86
25) Chloroform	7.593	83	124771	20.628	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	79081	21.391	ug/L	97
29) Cyclohexane	7.875	56	89631	21.391	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	102254	22.144	ug/L	99
31) Carbon tetrachloride	7.993	117	90061	22.013	ug/L	98
33) Benzene	8.252	78	279805	22.182	ug/L	100
34) Trichloroethene	9.028	95	65442	22.452	ug/L	97
35) Methylcyclohexane	9.269	83	101254	21.527	ug/L	98
37) 1,2-Dichloropropane	9.304	63	75457	21.935	ug/L #	100
38) Bromodichloromethane	9.587	83	91824	22.908	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	113563	23.508	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	87106	48.372	ug/L	98
42) Toluene	10.334	91	305293	22.977	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	99358	23.338	ug/L	95
45) 1,1,2-Trichloroethane	10.728	97	53630	22.818	ug/L	96
46) Tetrachloroethene	10.810	164	44022	22.247	ug/L	91
48) 2-Hexanone	10.922	43	72091	49.216	ug/L	99
49) Dibromochloromethane	11.069	129	58421	22.773	ug/L	100
50) 1,2-Dibromoethane	11.181	107	44764	22.051	ug/L	98
51) Chlorobenzene	11.604	112	179629	22.527	ug/L	98
52) Ethylbenzene	11.681	91	322807	23.127	ug/L	99
53) m,p-Xylene	11.793	106	120960	22.879	ug/L	92
54) o-Xylene	12.122	106	118994	22.955	ug/L	97
55) Styrene	12.134	104	214863	23.584	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	63957	23.215	ug/L	98
59) Bromoform	12.298	173	31333	21.626	ug/L #	98
60) Isopropylbenzene	12.422	105	315407	21.767	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	43452	21.062	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	247429	23.348	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	244681	22.017	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	130372	21.771	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	134604	21.430	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	121346	22.420	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	8956	21.217	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	77648	21.385	ug/L	97
70) 1,2,4-trichlorobenzene	15.092	180	65870	21.547	ug/L	98
71) Naphthalene	15.328	128	140701	20.606	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	61696	22.562	ug/L	99

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

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