

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060424\
 Data File : VD079136.D
 Acq On : 04 Jun 2024 09:42
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025889

Quant Time: Jun 05 03:18:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	193924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	196532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	140385	23.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.080%
7) Chloroethane-d5	2.799	69	129877	22.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	3.910	65	21933	20.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.800%
21) 2-Butanone-d5	6.987	46	24105	52.810	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.620%
24) Chloroform-d	7.569	84	124075	22.883	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.520%
26) 1,2-Dichloroethane-d4	8.228	65	57929	23.159	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.640%
32) Benzene-d6	8.198	84	252558	23.181	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	9.210	67	68626	21.867	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.480%
41) Toluene-d8	10.269	98	238430	23.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.480%
43) trans-1,3-Dichloroprop...	10.522	79	31871	24.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.640%
47) 2-Hexanone-d5	10.875	63	21759	53.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	67832	24.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	13.810	152	76899	21.816	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	73488	23.939	ug/L	99
3) Chloromethane	2.146	50	117818	28.796	ug/L	98
5) Vinyl chloride	2.281	62	185634	27.488	ug/L	96
6) Bromomethane	2.687	94	125572	24.086	ug/L	99
8) Chloroethane	2.834	64	128433	25.948	ug/L	94
9) Trichlorofluoromethane	3.175	101	126257	24.542	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	80643	26.142	ug/L	98
12) 1,1-Dichloroethene	3.934	96	66859	24.895	ug/L	95
13) Acetone	4.016	43	36918	55.868	ug/L	97
14) Carbon disulfide	4.269	76	235821	25.171	ug/L	97
15) Methyl Acetate	4.563	43	25598	28.431	ug/L	93
16) Methylene chloride	4.793	84	79827	23.102	ug/L	96
17) trans-1,2-Dichloroethene	5.310	96	75474	26.004	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	140768	27.347	ug/L #	89
19) 1,1-Dichloroethane	6.110	63	123788	26.491	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	79587	26.335	ug/L	98
22) 2-Butanone	7.081	43	39630	57.088	ug/L	91
23) Bromochloromethane	7.428	128	40825	26.645	ug/L	93
25) Chloroform	7.593	83	140069	26.401	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	80428	26.115	ug/L	96
29) Cyclohexane	7.875	56	96785	27.294	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	118465	25.460	ug/L	99
31) Carbon tetrachloride	7.993	117	110904	25.649	ug/L	98
33) Benzene	8.246	78	315494	26.953	ug/L	100
34) Trichloroethene	9.028	95	78359	25.991	ug/L	96
35) Methylcyclohexane	9.275	83	141047	28.235	ug/L	98
37) 1,2-Dichloropropane	9.298	63	75428	26.308	ug/L	98
38) Bromodichloromethane	9.581	83	104729	26.276	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	116485	26.026	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	69986	58.474	ug/L	98
42) Toluene	10.334	91	350549	26.969	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	104963	27.733	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	67115	26.682	ug/L	94
46) Tetrachloroethene	10.804	164	65971	24.852	ug/L	94
48) 2-Hexanone	10.922	43	57276	55.303	ug/L	98
49) Dibromochloromethane	11.075	129	76912	25.821	ug/L	99
50) 1,2-Dibromoethane	11.175	107	60705	26.260	ug/L	97
51) Chlorobenzene	11.604	112	223238	25.812	ug/L	98
52) Ethylbenzene	11.681	91	370464	27.324	ug/L	99
53) m,p-Xylene	11.792	106	147585	27.745	ug/L	99
54) o-Xylene	12.122	106	138973	27.041	ug/L	95
55) Styrene	12.134	104	258759	28.396	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	77237	27.432	ug/L	99
59) Bromoform	12.298	173	47701	25.482	ug/L	99
60) Isopropylbenzene	12.422	105	368685	27.300	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	49203	27.286	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	255304	27.649	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	273820	27.725	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	168376	25.953	ug/L	95
65) 1,4-Dichlorobenzene	13.533	146	176607	25.691	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	155575	25.940	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10325	27.854	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	103627	25.325	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	82954	24.410	ug/L	98
71) Naphthalene	15.328	128	162914	25.634	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	78380	26.686	ug/L	96

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

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