

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061124\
 Data File : VD079175.D
 Acq On : 11 Jun 2024 21:06
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025894

Quant Time: Jun 12 01:09:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	171819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	173201	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	89523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	74858	14.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.640%
7) Chloroethane-d5	2.799	69	78941	15.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.760%
11) 1,1-Dichloroethene-d2	3.922	65	13081	13.936	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.760%
21) 2-Butanone-d5	6.993	46	18263	45.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.320%
24) Chloroform-d	7.569	84	91767	19.102	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.400%
26) 1,2-Dichloroethane-d4	8.234	65	44708	20.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.680%
32) Benzene-d6	8.204	84	174800	18.205	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.840%
36) 1,2-Dichloropropane-d6	9.210	67	50294	18.184	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.720%
41) Toluene-d8	10.269	98	166357	18.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	10.522	79	22824	19.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.520%
47) 2-Hexanone-d5	10.875	63	15831	44.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.560%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	53269	21.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.960%
66) 1,2-Dichlorobenzene-d4	13.810	152	57349	18.562	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	52007	19.121	ug/L	99
3) Chloromethane	2.146	50	96768	26.694	ug/L	97
5) Vinyl chloride	2.281	62	130419	21.797	ug/L	96
6) Bromomethane	2.693	94	98497	21.323	ug/L	98
8) Chloroethane	2.834	64	93978	21.429	ug/L	96
9) Trichlorofluoromethane	3.175	101	100176	21.978	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	61640	22.552	ug/L	99
12) 1,1-Dichloroethene	3.940	96	54273	22.808	ug/L	87
13) Acetone	4.022	43	24943	42.602	ug/L	99
14) Carbon disulfide	4.269	76	179159	21.583	ug/L	99
15) Methyl Acetate	4.563	43	22058	27.651	ug/L	91
16) Methylene chloride	4.805	84	88530	28.917	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	61865	24.058	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	125411	27.498	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	111096	26.833	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	70507	26.332	ug/L	96
22) 2-Butanone	7.087	43	31401	51.054	ug/L	91
23) Bromochloromethane	7.422	128	35428	26.097	ug/L	95
25) Chloroform	7.599	83	122388	26.036	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	73541	26.951	ug/L	96
29) Cyclohexane	7.881	56	70520	22.566	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	101445	24.739	ug/L	98
31) Carbon tetrachloride	7.993	117	89581	23.508	ug/L	98
33) Benzene	8.251	78	271000	26.270	ug/L	100
34) Trichloroethene	9.028	95	63720	23.982	ug/L	93
35) Methylcyclohexane	9.275	83	99106	22.511	ug/L	99
37) 1,2-Dichloropropane	9.304	63	68585	27.143	ug/L	100
38) Bromodichloromethane	9.587	83	94358	26.863	ug/L #	97
39) cis-1,3-Dichloropropene	10.016	75	102590	26.009	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	62110	58.883	ug/L	95
42) Toluene	10.334	91	295476	25.795	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	91115	27.317	ug/L	91
45) 1,1,2-Trichloroethane	10.734	97	60402	27.248	ug/L	96
46) Tetrachloroethene	10.810	164	53172	22.728	ug/L	92
48) 2-Hexanone	10.922	43	44030	48.240	ug/L	93
49) Dibromochloromethane	11.069	129	69279	26.391	ug/L	96
50) 1,2-Dibromoethane	11.181	107	56632	27.798	ug/L	100
51) Chlorobenzene	11.604	112	194759	25.553	ug/L	97
52) Ethylbenzene	11.681	91	307224	25.712	ug/L	100
53) m,p-Xylene	11.792	106	123597	26.365	ug/L	94
54) o-Xylene	12.122	106	120806	26.673	ug/L	98
55) Styrene	12.134	104	220847	27.500	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	69580	28.041	ug/L #	97
59) Bromoform	12.298	173	43873	26.739	ug/L	98
60) Isopropylbenzene	12.422	105	302673	25.569	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	46431	29.377	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	206342	25.495	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	228820	26.433	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	143680	25.266	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	153503	25.476	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	133720	25.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.439	75	9321	28.688	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	85498	23.838	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	68902	23.132	ug/L	98
71) Naphthalene	15.328	128	143983	25.847	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	66547	25.849	ug/L	98

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

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