

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111523\
 Data File : VD077578.D
 Acq On : 15 Nov 2023 16:30
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025210

Quant Time: Nov 16 05:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	314262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290578	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	165872	20.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.811	69	148445	23.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
11) 1,1-Dichloroethene-d2	3.922	65	51418	20.800	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.200%
21) 2-Butanone-d5	6.987	46	68981	49.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.680%
24) Chloroform-d	7.569	84	223946	24.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.680%
26) 1,2-Dichloroethane-d4	8.228	65	121736	25.210	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.840%
32) Benzene-d6	8.205	84	451213	23.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.210	67	150502	24.499	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.000%
41) Toluene-d8	10.269	98	400733	23.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	10.522	79	62588	23.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.520%
47) 2-Hexanone-d5	10.875	63	57539	52.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105060	25.812	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	126859	24.923	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	83513	16.501	ug/L	98
3) Chloromethane	2.152	50	136590	18.759	ug/L	97
5) Vinyl chloride	2.293	62	143551	17.467	ug/L	98
6) Bromomethane	2.705	94	83563	19.098	ug/L	96
8) Chloroethane	2.846	64	96942	18.974	ug/L	98
9) Trichlorofluoromethane	3.187	101	134660	18.004	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	80859	17.568	ug/L	98
12) 1,1-Dichloroethene	3.946	96	76279	17.068	ug/L #	84
13) Acetone	4.022	43	49698	34.159	ug/L	95
14) Carbon disulfide	4.275	76	266141	16.539	ug/L	98
15) Methyl Acetate	4.564	43	42159	17.614	ug/L #	82
16) Methylene chloride	4.805	84	92271	17.390	ug/L	91
17) trans-1,2-Dichloroethene	5.322	96	83941	17.856	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	201978	18.306	ug/L	99
19) 1,1-Dichloroethane	6.116	63	176619	18.725	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	93419	18.291	ug/L	98
22) 2-Butanone	7.081	43	59260	33.852	ug/L	99
23) Bromochloromethane	7.428	128	37707	18.374	ug/L	97
25) Chloroform	7.593	83	169422	19.553	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	109816	19.119	ug/L	98
29) Cyclohexane	7.881	56	147033	15.584	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	137543	18.081	ug/L	99
31) Carbon tetrachloride	7.993	117	116083	17.757	ug/L	98
33) Benzene	8.252	78	373232	18.522	ug/L	100
34) Trichloroethene	9.028	95	90849	18.195	ug/L	92
35) Methylcyclohexane	9.275	83	146533	16.263	ug/L	99
37) 1,2-Dichloropropane	9.304	63	102296	18.261	ug/L	99
38) Bromodichloromethane	9.587	83	119344	18.573	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	158479	18.410	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	123603	36.208	ug/L	97
42) Toluene	10.334	91	388263	18.352	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	135192	19.007	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	65287	19.066	ug/L	99
46) Tetrachloroethene	10.810	164	65492	17.826	ug/L	97
48) 2-Hexanone	10.922	43	86299	31.893	ug/L	98
49) Dibromochloromethane	11.075	129	73186	18.816	ug/L	99
50) 1,2-Dibromoethane	11.181	107	59278	18.103	ug/L	100
51) Chlorobenzene	11.610	112	230745	18.617	ug/L	98
52) Ethylbenzene	11.687	91	426904	18.339	ug/L	97
53) m,p-Xylene	11.793	106	157158	18.553	ug/L	98
54) o-Xylene	12.122	106	153182	18.881	ug/L	96
55) Styrene	12.134	104	264117	18.645	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	75769	18.783	ug/L	98
59) Bromoform	12.298	173	43419	17.799	ug/L	99
60) Isopropylbenzene	12.422	105	407539	17.610	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	52744	17.306	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	307617	17.514	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	316056	17.764	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	171349	18.047	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	174517	18.213	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	153648	18.304	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	11371	17.153	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	110716	17.126	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	94023	17.257	ug/L	99
71) Naphthalene	15.334	128	179236	17.455	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	81415	17.525	ug/L	98

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

