

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076976.D
 Acq On : 10 Aug 2023 21:37
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025178

Quant Time: Aug 11 03:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	257421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	267798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	143227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	159037	22.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
7) Chloroethane-d5	2.793	69	155674	23.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	3.911	65	38604	23.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.040%
21) 2-Butanone-d5	6.987	46	65433	57.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.140%
24) Chloroform-d	7.569	84	216746	25.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.440%
26) 1,2-Dichloroethane-d4	8.228	65	114959	27.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.040%
32) Benzene-d6	8.199	84	433329	25.736	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	9.210	67	130788	25.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	10.269	98	405426	26.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.040%
43) trans-1,3-Dichloroprop...	10.528	79	58649	25.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.240%
47) 2-Hexanone-d5	10.875	63	60243	60.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	139522	27.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	143878	27.477	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	92909	21.775	ug/L	98
3) Chloromethane	2.146	50	144898	26.176	ug/L	99
5) Vinyl chloride	2.275	62	198583	25.087	ug/L	98
6) Bromomethane	2.687	94	146023	24.712	ug/L	100
8) Chloroethane	2.828	64	136308	25.579	ug/L	96
9) Trichlorofluoromethane	3.170	101	155322	23.699	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	100045	23.426	ug/L	98
12) 1,1-Dichloroethene	3.934	96	93923	24.802	ug/L	82
13) Acetone	4.022	43	54092	46.541	ug/L	95
14) Carbon disulfide	4.264	76	328047	24.959	ug/L	98
15) Methyl Acetate	4.558	43	49938	25.421	ug/L #	90
16) Methylene chloride	4.793	84	125032	23.155	ug/L	76
17) trans-1,2-Dichloroethene	5.305	96	110797	25.840	ug/L	85
18) Methyl tert-butyl Ether	5.316	73	259468	27.391	ug/L	95
19) 1,1-Dichloroethane	6.111	63	182141	25.441	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	124267	25.962	ug/L	86
22) 2-Butanone	7.081	43	73849	45.415	ug/L	81
23) Bromochloromethane	7.422	128	59264	25.527	ug/L	75
25) Chloroform	7.593	83	206211	26.299	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	130672	26.590	ug/L	95
29) Cyclohexane	7.875	56	130893	22.204	ug/L #	81
30) 1,1,1-Trichloroethane	7.793	97	165010	24.868	ug/L	96
31) Carbon tetrachloride	7.987	117	135139	24.884	ug/L	100
33) Benzene	8.252	78	455829	25.968	ug/L	100
34) Trichloroethene	9.028	95	115350	25.233	ug/L	97
35) Methylcyclohexane	9.269	83	173065	23.215	ug/L	90
37) 1,2-Dichloropropane	9.305	63	114585	25.697	ug/L #	95
38) Bromodichloromethane	9.581	83	159361	25.952	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	186760	25.951	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	148712	52.931	ug/L #	87
42) Toluene	10.334	91	500486	26.220	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	165171	26.261	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	106627	26.905	ug/L	95
46) Tetrachloroethene	10.810	164	91463	26.547	ug/L	93
48) 2-Hexanone	10.922	43	111629	51.666	ug/L #	88
49) Dibromochloromethane	11.075	129	117929	26.749	ug/L	97
50) 1,2-Dibromoethane	11.181	107	104539	27.047	ug/L	87
51) Chlorobenzene	11.604	112	324556	26.098	ug/L	95
52) Ethylbenzene	11.681	91	533107	26.210	ug/L	97
53) m,p-Xylene	11.793	106	205192	26.146	ug/L	97
54) o-Xylene	12.122	106	203713	26.988	ug/L	95
55) Styrene	12.134	104	376240	27.568	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	133104	27.156	ug/L	100
59) Bromoform	12.298	173	77614	27.324	ug/L #	98
60) Isopropylbenzene	12.422	105	525606	25.517	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	88521	26.481	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	410954	26.189	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	411444	26.347	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	247396	26.316	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	255820	26.326	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	230815	26.191	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	19802	25.853	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	152313	25.891	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	136301	26.339	ug/L	98
71) Naphthalene	15.334	128	329002	27.038	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	130079	27.717	ug/L	99

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

