

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076988.D
 Acq On : 11 Aug 2023 15:12
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025180

Quant Time: Aug 12 02:23:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	278251	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	284190	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	151382	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	150758	19.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
7) Chloroethane-d5	2.799	69	142865	20.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	3.905	65	36525	20.145	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.560%
21) 2-Butanone-d5	6.981	46	60626	49.348	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
24) Chloroform-d	7.563	84	202744	22.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	8.222	65	102752	22.749	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	8.199	84	397398	22.241	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.204	67	119305	21.717	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.880%
41) Toluene-d8	10.269	98	370706	22.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	10.522	79	53773	21.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.600%
47) 2-Hexanone-d5	10.875	63	54216	51.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	125613	23.663	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	131178	23.702	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	107260	23.257	ug/L	100
3) Chloromethane	2.146	50	145973	24.396	ug/L	100
5) Vinyl chloride	2.275	62	213734	24.979	ug/L	94
6) Bromomethane	2.687	94	155432	24.336	ug/L	98
8) Chloroethane	2.834	64	145011	25.175	ug/L	99
9) Trichlorofluoromethane	3.170	101	184928	26.103	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	117938	25.548	ug/L	99
12) 1,1-Dichloroethene	3.928	96	103496	25.284	ug/L	83
13) Acetone	4.011	43	85084	67.727	ug/L	91
14) Carbon disulfide	4.264	76	354795	24.973	ug/L	99
15) Methyl Acetate	4.552	43	50089	23.589	ug/L	98
16) Methylene chloride	4.793	84	133755	22.916	ug/L #	75
17) trans-1,2-Dichloroethene	5.299	96	115243	24.865	ug/L	84
18) Methyl tert-butyl Ether	5.316	73	249190	24.336	ug/L #	96
19) 1,1-Dichloroethane	6.111	63	184968	23.902	ug/L	94
20) cis-1,2-Dichloroethene	7.069	96	129145	24.961	ug/L	88
22) 2-Butanone	7.081	43	99398	56.551	ug/L	86
23) Bromochloromethane	7.422	128	61856	24.649	ug/L #	74
25) Chloroform	7.587	83	207585	24.492	ug/L	98

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

27) 1,2-Dichloroethane	8.322	62	124875	23.508	ug/L	96
29) Cyclohexane	7.869	56	156722	25.052	ug/L #	78
30) 1,1,1-Trichloroethane	7.787	97	177492	25.206	ug/L	97
31) Carbon tetrachloride	7.987	117	154793	26.859	ug/L	98
33) Benzene	8.246	78	463439	24.879	ug/L	100
34) Trichloroethene	9.028	95	120551	24.850	ug/L	96
35) Methylcyclohexane	9.269	83	201326	25.448	ug/L	89
37) 1,2-Dichloropropane	9.304	63	111850	23.637	ug/L #	97
38) Bromodichloromethane	9.581	83	155341	23.838	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	186277	24.391	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	161667	54.223	ug/L #	87
42) Toluene	10.334	91	507353	25.047	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	162780	24.388	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	100230	23.833	ug/L	94
46) Tetrachloroethene	10.804	164	96887	26.500	ug/L	86
48) 2-Hexanone	10.922	43	130608	56.963	ug/L #	90
49) Dibromochloromethane	11.075	129	117175	25.045	ug/L	96
50) 1,2-Dibromoethane	11.181	107	101517	24.750	ug/L	92
51) Chlorobenzene	11.604	112	325841	24.690	ug/L	97
52) Ethylbenzene	11.681	91	552964	25.618	ug/L	98
53) m,p-Xylene	11.793	106	217521	26.118	ug/L	90
54) o-Xylene	12.122	106	205499	25.654	ug/L	99
55) Styrene	12.134	104	370379	25.573	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.669	83	128140	24.635	ug/L	96
59) Bromoform	12.298	173	76627	25.524	ug/L #	97
60) Isopropylbenzene	12.422	105	557789	25.620	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	86568	24.502	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	422308	25.463	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	420508	25.477	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	247788	24.938	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	252967	24.630	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	223959	24.044	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	18659	23.049	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	157398	25.314	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	135945	24.855	ug/L	96
71) Naphthalene	15.334	128	317599	24.695	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	125645	25.330	ug/L	98

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

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