

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076028.D
 Acq On : 05 May 2023 16:43
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025151

Quant Time: May 06 00:24:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	343393	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	316496	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	164554	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	169341	22.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.920%
7) Chloroethane-d5	2.799	69	145244	22.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.240%
11) 1,1-Dichloroethene-d2	3.911	65	39155	22.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.200%
21) 2-Butanone-d5	6.987	46	41522	63.492	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.980%
24) Chloroform-d	7.563	84	214382	24.966	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	8.228	65	93100	25.388	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.560%
32) Benzene-d6	8.199	84	436791	23.678	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.210	67	127682	25.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.269	98	405883	23.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.522	79	50774	24.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.240%
47) 2-Hexanone-d5	10.875	63	36883	59.994	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110261	28.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	132478	22.761	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	142044	30.006	ug/L	98
3) Chloromethane	2.146	50	205996	31.215	ug/L	97
5) Vinyl chloride	2.281	62	261556	30.326	ug/L	97
6) Bromomethane	2.693	94	137392	23.707	ug/L	98
8) Chloroethane	2.834	64	160116	28.705	ug/L	97
9) Trichlorofluoromethane	3.175	101	202055	29.157	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	146509	31.469	ug/L	96
12) 1,1-Dichloroethene	3.940	96	130347	28.869	ug/L #	84
13) Acetone	4.022	43	37032	66.170	ug/L	93
14) Carbon disulfide	4.269	76	431232	27.344	ug/L	100
15) Methyl Acetate	4.569	43	39796	32.811	ug/L #	72
16) Methylene chloride	4.805	84	157558	22.618	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	140769	27.805	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	235090	28.948	ug/L	98
19) 1,1-Dichloroethane	6.105	63	225594	30.417	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	146105	27.292	ug/L	95
22) 2-Butanone	7.081	43	51200	70.175	ug/L	93
23) Bromochloromethane	7.422	128	70954	28.579	ug/L #	84
25) Chloroform	7.593	83	240866	28.977	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076028.D
 Acq On : 05 May 2023 16:43
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025151

Quant Time: May 06 00:24:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	131094	30.554	ug/L	97
29) Cyclohexane	7.881	56	175130	32.323	ug/L	92
30) 1,1,1-Trichloroethane	7.787	97	193366	28.876	ug/L	98
31) Carbon tetrachloride	7.993	117	159667	29.720	ug/L	99
33) Benzene	8.246	78	552405	28.855	ug/L	100
34) Trichloroethene	9.028	95	137023	27.677	ug/L	98
35) Methylcyclohexane	9.275	83	233167	30.547	ug/L	97
37) 1,2-Dichloropropane	9.304	63	137552	31.279	ug/L	100
38) Bromodichloromethane	9.587	83	170758	28.798	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	197522	28.242	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	112836	70.375	ug/L	97
42) Toluene	10.334	91	618269	29.843	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	165512	29.459	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	109103	29.162	ug/L	97
46) Tetrachloroethene	10.810	164	118038	29.068	ug/L	93
48) 2-Hexanone	10.922	43	84795	75.018	ug/L	90
49) Dibromochloromethane	11.075	129	117684	28.894	ug/L	91
50) 1,2-Dibromoethane	11.181	107	94842	28.118	ug/L	99
51) Chlorobenzene	11.604	112	381949	28.181	ug/L	99
52) Ethylbenzene	11.687	91	622433	29.299	ug/L	99
53) m,p-Xylene	11.792	106	251015	29.673	ug/L	99
54) o-Xylene	12.122	106	236006	29.373	ug/L	95
55) Styrene	12.134	104	423615	30.292	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	117168	30.780	ug/L	97
59) Bromoform	12.298	173	69499	27.558	ug/L	98
60) Isopropylbenzene	12.422	105	607460	27.840	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	73779	28.541	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	459355	28.233	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	444423	28.336	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	290809	27.855	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	296381	27.050	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	257730	27.644	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	15204	29.421	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	176938	25.286	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	144882	24.984	ug/L	99
71) Naphthalene	15.333	128	272574	25.686	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	134018	25.891	ug/L	99

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

