

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075431.D
 Acq On : 01 Mar 2023 16:58
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV116

Quant Time: Mar 02 01:22:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:15:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	364375	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	325982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	164993	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	167815	18.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
7) Chloroethane-d5	2.805	69	153483	19.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	3.928	63	173532	20.534	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.120%
21) 2-Butanone-d5	6.993	46	39809	47.482	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.960%
24) Chloroform-d	7.569	84	202149	21.170	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.680%
26) 1,2-Dichloroethane-d4	8.228	65	86855	20.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	8.204	84	412806	21.323	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.280%
36) 1,2-Dichloropropane-d6	9.210	67	120690	22.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.240%
41) Toluene-d8	10.269	98	377403	21.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.480%
43) trans-1,3-Dichloroprop...	10.528	79	51765	23.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.600%
47) 2-Hexanone-d5	10.881	63	37751	47.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105008	22.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	123908	21.470	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	127175	22.686	ug/L	98
3) Chloromethane	2.146	50	213874	22.687	ug/L	99
5) Vinyl chloride	2.281	62	270362	22.804	ug/L	98
6) Bromomethane	2.693	94	146907	26.145	ug/L	93
8) Chloroethane	2.834	64	180227	24.174	ug/L	99
9) Trichlorofluoromethane	3.175	101	206084	23.220	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	143275	23.368	ug/L	98
12) 1,1-Dichloroethene	3.940	96	125598	23.264	ug/L	98
13) Acetone	4.022	43	43124	45.533	ug/L	79
14) Carbon disulfide	4.269	76	347465	23.017	ug/L	99
15) Methyl Acetate	4.569	43	41822	26.021	ug/L	98
16) Methylene chloride	4.805	84	152082	19.762	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	138238	23.887	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	275081	25.577	ug/L	99
19) 1,1-Dichloroethane	6.110	63	235695	24.075	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	158816	24.293	ug/L	99
22) 2-Butanone	7.087	43	57714	48.022	ug/L	99
23) Bromochloromethane	7.428	128	71353	25.476	ug/L	94
25) Chloroform	7.599	83	256143	23.995	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075431.D
 Acq On : 01 Mar 2023 16:58
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV116

Quant Time: Mar 02 01:22:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:15:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	137657	23.913	ug/L	97
29) Cyclohexane	7.881	56	168233	24.119	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	204766	23.361	ug/L	98
31) Carbon tetrachloride	7.993	117	169328	24.322	ug/L	100
33) Benzene	8.252	78	569827	24.323	ug/L	100
34) Trichloroethene	9.028	95	145861	23.841	ug/L	98
35) Methylcyclohexane	9.275	83	230425	24.125	ug/L	99
37) 1,2-Dichloropropane	9.304	63	141184	24.525	ug/L	99
38) Bromodichloromethane	9.587	83	187678	24.645	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	222830	25.292	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	120060	54.383	ug/L	97
42) Toluene	10.334	91	640519	24.974	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	183824	25.325	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	115118	25.037	ug/L	96
46) Tetrachloroethene	10.810	164	110092	23.483	ug/L	96
48) 2-Hexanone	10.922	43	85896	52.881	ug/L	99
49) Dibromochloromethane	11.075	129	124997	24.887	ug/L	97
50) 1,2-Dibromoethane	11.181	107	106053	25.516	ug/L	98
51) Chlorobenzene	11.610	112	409730	24.579	ug/L	99
52) Ethylbenzene	11.687	91	685468	25.132	ug/L	99
53) m,p-Xylene	11.793	106	269776	25.105	ug/L	99
54) o-Xylene	12.122	106	260777	25.654	ug/L	99
55) Styrene	12.140	104	466061	25.814	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	129048	25.644	ug/L	96
59) Bromoform	12.304	173	74483	25.018	ug/L	98
60) Isopropylbenzene	12.422	105	697163	25.124	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	84911	25.673	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	531739	25.526	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	531195	26.079	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	303270	24.706	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	307151	24.325	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	268593	24.557	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	16198	25.219	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.598	180	188004	24.424	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	153646	24.825	ug/L	98
71) Naphthalene	15.333	128	315635	25.713	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	140041	25.670	ug/L	100

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

