

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075557.D
 Acq On : 31 Mar 2023 14:24
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV122

Quant Time: Apr 01 00:12:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	379054	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	341827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	166063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	252309	28.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.360%	
7) Chloroethane-d5	2.805	69	224281	28.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.240%	
11) 1,1-Dichloroethene-d2	3.922	63	197518	27.747	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 111.000%#	
21) 2-Butanone-d5	6.987	46	31669	55.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.200%	
24) Chloroform-d	7.569	84	236216	26.432	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.720%	
26) 1,2-Dichloroethane-d4	8.228	65	100303	25.327	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.320%	
32) Benzene-d6	8.205	84	518279	25.935	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.720%	
36) 1,2-Dichloropropane-d6	9.210	67	136693	25.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.680%	
41) Toluene-d8	10.269	98	499634	26.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.640%	
43) trans-1,3-Dichloroprop...	10.528	79	57448	25.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.520%	
47) 2-Hexanone-d5	10.875	63	31273	49.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.240%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102562	25.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.840%	
66) 1,2-Dichlorobenzene-d4	13.816	152	144544	25.374	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	83763	23.579	ug/L	98
3) Chloromethane	2.152	50	112089	24.112	ug/L	97
5) Vinyl chloride	2.287	62	169689	23.421	ug/L	97
6) Bromomethane	2.699	94	124839	25.254	ug/L	99
8) Chloroethane	2.840	64	123889	24.545	ug/L	96
9) Trichlorofluoromethane	3.181	101	156779	24.887	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	108678	24.834	ug/L	97
12) 1,1-Dichloroethene	3.946	96	92428	25.566	ug/L	94
13) Acetone	4.022	43	32217	53.448	ug/L	98
14) Carbon disulfide	4.275	76	200461	23.176	ug/L	97
15) Methyl Acetate	4.564	43	27488	27.213	ug/L	98
16) Methylene chloride	4.799	84	113516	21.787	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	100030	26.063	ug/L	93
18) Methyl tert-butyl Ether	5.317	73	203189	27.844	ug/L	99
19) 1,1-Dichloroethane	6.111	63	170303	25.886	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	122585	27.201	ug/L	96
22) 2-Butanone	7.087	43	37813	52.664	ug/L	99
23) Bromochloromethane	7.428	128	55063	25.913	ug/L	95
25) Chloroform	7.599	83	201803	25.608	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	101627	24.950	ug/L	100
29) Cyclohexane	7.875	56	102086	24.472	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	167571	24.885	ug/L	99
31) Carbon tetrachloride	7.987	117	132314	24.340	ug/L	99
33) Benzene	8.252	78	419231	23.834	ug/L	100
34) Trichloroethene	9.028	95	112028	22.733	ug/L	95
35) Methylcyclohexane	9.275	83	150440	23.340	ug/L	98
37) 1,2-Dichloropropane	9.305	63	99857	24.130	ug/L	99
38) Bromodichloromethane	9.587	83	148596	25.212	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	167714	25.561	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	78239	50.441	ug/L	99
42) Toluene	10.334	91	487003	24.920	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	139794	25.059	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	91988	24.223	ug/L	96
46) Tetrachloroethene	10.810	164	86558	22.428	ug/L	97
48) 2-Hexanone	10.922	43	57881	55.370	ug/L	98
49) Dibromochloromethane	11.075	129	104915	25.517	ug/L	97
50) 1,2-Dibromoethane	11.181	107	81761	24.573	ug/L	95
51) Chlorobenzene	11.610	112	326129	24.778	ug/L	97
52) Ethylbenzene	11.687	91	522182	25.409	ug/L	100
53) m,p-Xylene	11.799	106	205499	25.501	ug/L	94
54) o-Xylene	12.122	106	201728	26.289	ug/L	97
55) Styrene	12.140	104	365294	26.717	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	99197	25.311	ug/L	96
59) Bromoform	12.304	173	60771	23.663	ug/L	99
60) Isopropylbenzene	12.422	105	537644	24.521	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	61806	23.515	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	407800	24.658	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	395623	25.015	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	240891	24.263	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	247443	23.894	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	218599	24.310	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12098	22.856	ug/L	89
69) 1,3,5-Trichlorobenzene	14.593	180	146513	23.929	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	118360	23.878	ug/L	97
71) Naphthalene	15.334	128	241342	26.334	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	111697	25.157	ug/L	100

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

