

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078813.D
 Acq On : 11 Apr 2024 16:43
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV126

Quant Time: Apr 12 07:17:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 07:08:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	231236	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	224970	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	115025	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	155366	24.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.560%
7) Chloroethane-d5	2.805	69	149134	24.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	3.922	65	31568	26.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.920%
21) 2-Butanone-d5	6.987	46	36194	59.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.280%
24) Chloroform-d	7.569	84	163654	28.990	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.960%
26) 1,2-Dichloroethane-d4	8.228	65	79766	27.812	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.240%
32) Benzene-d6	8.204	84	338658	29.544	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.160%
36) 1,2-Dichloropropane-d6	9.210	67	96107	29.135	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.560%
41) Toluene-d8	10.269	98	319478	29.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.200%
43) trans-1,3-Dichloroprop...	10.528	79	43774	29.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.320%
47) 2-Hexanone-d5	10.881	63	34211	64.196	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93500	30.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	108652	27.695	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	95412	28.673	ug/L	99
3) Chloromethane	2.152	50	118324	24.818	ug/L	99
5) Vinyl chloride	2.287	62	179967	25.104	ug/L	99
6) Bromomethane	2.699	94	139468	26.768	ug/L	95
8) Chloroethane	2.840	64	125435	23.981	ug/L	95
9) Trichlorofluoromethane	3.181	101	138718	26.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	86819	25.628	ug/L #	91
12) 1,1-Dichloroethene	3.946	96	79630	26.318	ug/L	89
13) Acetone	4.022	43	45095	57.955	ug/L	96
14) Carbon disulfide	4.275	76	260748	25.334	ug/L	97
15) Methyl Acetate	4.558	43	32151	28.040	ug/L #	73
16) Methylene chloride	4.805	84	93809	23.414	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	88062	26.055	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	179982	27.836	ug/L #	93
19) 1,1-Dichloroethane	6.122	63	137852	25.601	ug/L	90
20) cis-1,2-Dichloroethene	7.081	96	97116	26.431	ug/L	99
22) 2-Butanone	7.081	43	51230	53.891	ug/L	98
23) Bromochloromethane	7.434	128	46908	25.877	ug/L	94
25) Chloroform	7.599	83	160173	25.243	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	93697	26.312	ug/L	94
29) Cyclohexane	7.881	56	109410	28.626	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	134311	26.544	ug/L	99
31) Carbon tetrachloride	7.993	117	120973	26.636	ug/L	99
33) Benzene	8.251	78	346551	27.168	ug/L	100
34) Trichloroethene	9.028	95	87366	25.674	ug/L	94
35) Methylcyclohexane	9.275	83	135944	26.892	ug/L	99
37) 1,2-Dichloropropane	9.304	63	84778	25.920	ug/L #	92
38) Bromodichloromethane	9.587	83	119438	26.541	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	138705	27.609	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	90600	60.644	ug/L	98
42) Toluene	10.334	91	384217	27.209	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	122147	27.746	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	76871	26.914	ug/L	96
46) Tetrachloroethene	10.810	164	75159	26.376	ug/L	93
48) 2-Hexanone	10.922	43	75673	64.359	ug/L	99
49) Dibromochloromethane	11.075	129	89665	27.112	ug/L	95
50) 1,2-Dibromoethane	11.181	107	75428	27.175	ug/L #	98
51) Chlorobenzene	11.610	112	249829	26.230	ug/L	98
52) Ethylbenzene	11.687	91	407879	27.471	ug/L	99
53) m,p-Xylene	11.792	106	162408	27.768	ug/L	91
54) o-Xylene	12.122	106	154682	27.360	ug/L	94
55) Styrene	12.134	104	284059	28.035	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	90360	27.406	ug/L #	98
59) Bromoform	12.298	173	59515	26.396	ug/L	99
60) Isopropylbenzene	12.422	105	403990	27.754	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	58532	27.570	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	241959	27.421	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	299823	27.689	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	191613	26.449	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	202598	26.444	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	177645	26.030	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	11937	24.695	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	118288	25.390	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	104086	26.493	ug/L	97
71) Naphthalene	15.333	128	218234	28.617	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	95885	26.655	ug/L	98

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

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