

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080105.D
 Acq On : 05 Dec 2024 13:08
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV855

Quant Time: Dec 06 01:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 01:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	315449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	288995	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	151667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	122475	21.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
7) Chloroethane-d5	2.793	69	96830	22.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	3.916	65	43496	21.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.320%
21) 2-Butanone-d5	6.993	46	38364	40.618	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.240%
24) Chloroform-d	7.569	84	199938	23.291	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.160%
26) 1,2-Dichloroethane-d4	8.228	65	99749	22.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.360%
32) Benzene-d6	8.199	84	417156	25.062	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.240%
36) 1,2-Dichloropropane-d6	9.210	67	124216	23.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.000%
41) Toluene-d8	10.269	98	380545	24.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	10.522	79	51952	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.880%
47) 2-Hexanone-d5	10.875	63	32015	42.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.880%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91711	21.746	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	123976	23.345	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	145254	28.078	ug/L	98
3) Chloromethane	2.146	50	122829	24.801	ug/L	95
5) Vinyl chloride	2.281	62	156231	25.021	ug/L	95
6) Bromomethane	2.693	94	88589	24.839	ug/L	97
8) Chloroethane	2.828	64	91780	24.346	ug/L	100
9) Trichlorofluoromethane	3.169	101	210606	25.726	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	124845	26.245	ug/L	98
12) 1,1-Dichloroethene	3.940	96	112606	25.855	ug/L	88
13) Acetone	4.028	43	67510	41.327	ug/L	98
14) Carbon disulfide	4.269	76	404635	25.492	ug/L	99
15) Methyl Acetate	4.563	43	41877	20.821	ug/L #	81
16) Methylene chloride	4.805	84	122829	24.303	ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	123212	25.533	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	223475	23.232	ug/L	97
19) 1,1-Dichloroethane	6.110	63	211714	24.489	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	131332	25.164	ug/L	95
22) 2-Butanone	7.087	43	69868	41.075	ug/L	98
23) Bromochloromethane	7.428	128	60261	24.984	ug/L	96
25) Chloroform	7.593	83	229341	24.172	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	131277	23.798	ug/L	98
29) Cyclohexane	7.875	56	182653	27.829	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	187163	26.443	ug/L	99
31) Carbon tetrachloride	7.987	117	171020	27.188	ug/L	98
33) Benzene	8.251	78	500952	26.749	ug/L	100
34) Trichloroethene	9.028	95	125794	25.892	ug/L	98
35) Methylcyclohexane	9.275	83	206957	28.155	ug/L	99
37) 1,2-Dichloropropane	9.304	63	127501	25.777	ug/L	99
38) Bromodichloromethane	9.587	83	154321	25.081	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	187407	25.130	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	121031	47.830	ug/L	100
42) Toluene	10.334	91	542111	27.280	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	158105	25.102	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	91153	24.707	ug/L	97
46) Tetrachloroethene	10.810	164	101150	25.656	ug/L	94
48) 2-Hexanone	10.922	43	107760	47.558	ug/L	99
49) Dibromochloromethane	11.075	129	101641	23.914	ug/L	98
50) 1,2-Dibromoethane	11.175	107	83427	24.206	ug/L #	99
51) Chlorobenzene	11.604	112	326798	25.368	ug/L	98
52) Ethylbenzene	11.681	91	576106	26.672	ug/L	100
53) m,p-Xylene	11.792	106	223159	27.062	ug/L	98
54) o-Xylene	12.122	106	206813	26.031	ug/L	97
55) Styrene	12.134	104	375022	26.736	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	101917	23.724	ug/L	99
59) Bromoform	12.298	173	64542	23.978	ug/L	98
60) Isopropylbenzene	12.422	105	562702	26.411	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67351	22.198	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	450066	26.689	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	442859	26.601	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	260768	25.554	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	265647	25.355	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	230955	24.816	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	14795	20.810	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	177499	25.393	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	143209	24.934	ug/L	99
71) Naphthalene	15.333	128	241594	22.680	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	126226	23.857	ug/L	99

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

