

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080140.D
 Acq On : 11 Dec 2024 21:11
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025931

Quant Time: Dec 12 01:01:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:57:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	257664	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	259744	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	146711	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	73728	17.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.800%
7) Chloroethane-d5	2.799	69	62536	17.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.320%
11) 1,1-Dichloroethene-d2	3.916	65	29197	18.523	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.080%
21) 2-Butanone-d5	6.987	46	36264	39.549	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.100%
24) Chloroform-d	7.569	84	152334	21.413	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.640%
26) 1,2-Dichloroethane-d4	8.234	65	83824	22.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.080%
32) Benzene-d6	8.199	84	309112	20.027	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.120%
36) 1,2-Dichloropropane-d6	9.210	67	96360	18.387	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.560%
41) Toluene-d8	10.269	98	298144	20.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	10.528	79	43530	20.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.160%
47) 2-Hexanone-d5	10.875	63	33762	42.597	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.200%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	94095	20.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	116339	21.963	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	106749	22.476	ug/L	99
3) Chloromethane	2.152	50	82728	22.163	ug/L	92
5) Vinyl chloride	2.281	62	104723	20.292	ug/L	97
6) Bromomethane	2.687	94	62618	18.206	ug/L	96
8) Chloroethane	2.834	64	61800	17.963	ug/L	95
9) Trichlorofluoromethane	3.169	101	153018	20.318	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	94515	21.175	ug/L	94
12) 1,1-Dichloroethene	3.940	96	80073	20.551	ug/L	73
13) Acetone	4.022	43	41257	26.547	ug/L	97
14) Carbon disulfide	4.269	76	276631	21.885	ug/L	99
15) Methyl Acetate	4.569	43	37122	20.272	ug/L #	89
16) Methylene chloride	4.799	84	96993	21.912	ug/L	89
17) trans-1,2-Dichloroethene	5.316	96	90280	22.886	ug/L	92
18) Methyl tert-butyl Ether	5.322	73	190780	22.483	ug/L #	97
19) 1,1-Dichloroethane	6.105	63	156149	20.756	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	96716	22.814	ug/L	95
22) 2-Butanone	7.087	43	50551	32.898	ug/L	80
23) Bromochloromethane	7.428	128	51982	25.157	ug/L #	77
25) Chloroform	7.593	83	188185	22.123	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	108376	22.278	ug/L	96
29) Cyclohexane	7.875	56	120695	19.522	ug/L	91
30) 1,1,1-Trichloroethane	7.793	97	145404	19.331	ug/L	96
31) Carbon tetrachloride	7.993	117	133991	21.491	ug/L	98
33) Benzene	8.252	78	380807	20.299	ug/L	100
34) Trichloroethene	9.028	95	98289	19.277	ug/L	93
35) Methylcyclohexane	9.275	83	151950	21.261	ug/L	96
37) 1,2-Dichloropropane	9.304	63	103115	19.183	ug/L	98
38) Bromodichloromethane	9.581	83	133029	19.629	ug/L #	95
39) cis-1,3-Dichloropropene	10.016	75	148354	19.340	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	107125	36.044	ug/L	98
42) Toluene	10.334	91	431610	21.206	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	133959	21.199	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	85266	22.056	ug/L	94
46) Tetrachloroethene	10.810	164	87666	24.826	ug/L	96
48) 2-Hexanone	10.922	43	84871	34.959	ug/L #	94
49) Dibromochloromethane	11.075	129	99712	23.761	ug/L	97
50) 1,2-Dibromoethane	11.175	107	79332	23.144	ug/L	99
51) Chlorobenzene	11.604	112	278715	22.880	ug/L	94
52) Ethylbenzene	11.681	91	462776	22.897	ug/L	93
53) m,p-Xylene	11.793	106	181938	23.545	ug/L	96
54) o-Xylene	12.122	106	175608	23.688	ug/L	92
55) Styrene	12.134	104	324607	24.191	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	101335	20.574	ug/L	97
59) Bromoform	12.298	173	66260	23.480	ug/L	97
60) Isopropylbenzene	12.422	105	463950	22.218	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	68249	19.692	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	370378	21.274	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	368882	22.270	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	235554	23.190	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	242113	22.111	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	217075	22.132	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	15936	21.841	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	158981	22.658	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	133921	23.876	ug/L	97
71) Naphthalene	15.334	128	247832	23.258	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	129769	22.988	ug/L	95

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

