

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121324\
 Data File : VD080166.D
 Acq On : 13 Dec 2024 13:45
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025934

Quant Time: Dec 13 23:09:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 13 23:01:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	210684	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	203965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	103693	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	187605	24.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.160%
7) Chloroethane-d5	2.799	69	144541	23.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.080%
11) 1,1-Dichloroethene-d2	3.922	65	38282	23.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.080%
21) 2-Butanone-d5	6.993	46	37384	46.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.360%
24) Chloroform-d	7.569	84	161768	23.588	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	8.234	65	88291	22.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.920%
32) Benzene-d6	8.204	84	332995	23.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.210	67	104862	23.222	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	10.269	98	307311	24.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.080%
43) trans-1,3-Dichloroprop...	10.522	79	44397	24.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.440%
47) 2-Hexanone-d5	10.875	63	30421	48.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83164	24.052	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	97357	24.044	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	85890	25.932	ug/L	99
3) Chloromethane	2.152	50	149681	25.680	ug/L	97
5) Vinyl chloride	2.281	62	178007	24.758	ug/L	99
6) Bromomethane	2.693	94	95883	22.715	ug/L	93
8) Chloroethane	2.834	64	113291	24.646	ug/L	92
9) Trichlorofluoromethane	3.175	101	134351	24.073	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	79888	24.739	ug/L	99
12) 1,1-Dichloroethene	3.946	96	72798	24.655	ug/L	81
13) Acetone	4.028	43	65131	46.825	ug/L	98
14) Carbon disulfide	4.275	76	269380	24.217	ug/L	99
15) Methyl Acetate	4.569	43	34628	23.136	ug/L	96
16) Methylene chloride	4.805	84	86881	23.399	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	79695	24.418	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	163531	25.161	ug/L #	92
19) 1,1-Dichloroethane	6.116	63	153601	24.497	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	87392	24.969	ug/L	96
22) 2-Butanone	7.087	43	69633	49.621	ug/L	97
23) Bromochloromethane	7.428	128	40421	24.838	ug/L	93
25) Chloroform	7.599	83	163602	23.406	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	102154	24.675	ug/L	100
29) Cyclohexane	7.887	56	125099	26.021	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	127999	24.057	ug/L	99
31) Carbon tetrachloride	7.993	117	111658	24.713	ug/L	97
33) Benzene	8.251	78	342505	24.220	ug/L	100
34) Trichloroethene	9.028	95	85488	23.854	ug/L	96
35) Methylcyclohexane	9.275	83	134355	25.108	ug/L	97
37) 1,2-Dichloropropane	9.304	63	93378	24.397	ug/L	98
38) Bromodichloromethane	9.587	83	114270	24.332	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	135699	25.179	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	100375	49.829	ug/L	99
42) Toluene	10.334	91	373102	25.584	ug/L	93
44) trans-1,3-Dichloropropene	10.551	75	118938	25.435	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	67075	24.856	ug/L	98
46) Tetrachloroethene	10.810	164	67442	24.619	ug/L	92
48) 2-Hexanone	10.922	43	102719	53.165	ug/L	97
49) Dibromochloromethane	11.075	129	74764	24.618	ug/L	91
50) 1,2-Dibromoethane	11.175	107	59590	23.849	ug/L	95
51) Chlorobenzene	11.604	112	221498	24.098	ug/L	96
52) Ethylbenzene	11.687	91	393273	25.398	ug/L	98
53) m,p-Xylene	11.792	106	148810	25.602	ug/L	93
54) o-Xylene	12.122	106	143059	26.194	ug/L	99
55) Styrene	12.134	104	257979	26.258	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	79057	25.054	ug/L	94
59) Bromoform	12.298	173	46213	25.375	ug/L	99
60) Isopropylbenzene	12.422	105	374448	25.594	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	52870	24.220	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	297045	25.505	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	292198	25.548	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	174346	25.081	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	180274	24.350	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	156990	24.637	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11984	23.792	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	116078	25.058	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	94360	24.799	ug/L	97
71) Naphthalene	15.328	128	173368	25.071	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	86317	24.722	ug/L	97

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

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