

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111224\
 Data File : VX043803.D
 Acq On : 12 Nov 2024 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050785

Quant Time: Nov 13 02:00:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 00:51:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	299557	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	265293	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	132683	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71926	45.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.140%
7) Chloroethane-d5	1.648	69	44107	64.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.600%
11) 1,1-Dichloroethene-d2	2.294	65	33889	46.001	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.000%
21) 2-Butanone-d5	4.458	46	105523	100.990	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.990%
24) Chloroform-d	5.050	84	173302	50.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.740%
26) 1,2-Dichloroethane-d4	5.946	65	105265	48.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
32) Benzene-d6	5.964	84	330688	48.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.420%
36) 1,2-Dichloropropane-d6	7.299	67	99157	47.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	8.647	98	308241	49.471	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.940%
43) trans-1,3-Dichloroprop...	8.945	79	48301	48.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.800%
47) 2-Hexanone-d5	9.384	63	81163	98.281	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.280%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145101	54.195	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.380%
66) 1,2-Dichlorobenzene-d4	12.317	152	123352	53.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95310	45.176	ug/L	98
3) Chloromethane	1.294	50	82987	40.475	ug/L	98
5) Vinyl chloride	1.374	62	87199	43.417	ug/L	99
6) Bromomethane	1.593	94	45058	57.895	ug/L	98
8) Chloroethane	1.666	64	42091	59.567	ug/L	96
9) Trichlorofluoromethane	1.867	101	141624	55.568	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	94007	53.705	ug/L	95
12) 1,1-Dichloroethene	2.306	96	80814	50.574	ug/L	91
13) Acetone	2.386	43	90995	93.634	ug/L	94
14) Carbon disulfide	2.501	76	148020	41.903	ug/L	99
15) Methyl Acetate	2.703	43	85379	41.548	ug/L	91
16) Methylene chloride	2.782	84	91587	47.441	ug/L	91
17) trans-1,2-Dichloroethene	3.081	96	82189	47.809	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	300498	45.981	ug/L	97
19) 1,1-Dichloroethane	3.599	63	152744	45.121	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	103211	48.337	ug/L	87
22) 2-Butanone	4.556	43	117595	83.640	ug/L	93
23) Bromochloromethane	4.885	128	54780	51.037	ug/L	90
25) Chloroform	5.080	83	171322	47.162	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111224\
 Data File : VX043803.D
 Acq On : 12 Nov 2024 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050785

Quant Time: Nov 13 02:00:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 00:51:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	129217	46.035	ug/L	97
29) Cyclohexane	5.458	56	128561	41.764	ug/L	94
30) 1,1,1-Trichloroethane	5.373	97	147574	45.919	ug/L	99
31) Carbon tetrachloride	5.672	117	125572	47.628	ug/L	99
33) Benzene	6.031	78	344858	45.605	ug/L	100
34) Trichloroethene	7.117	95	111898	55.042	ug/L	94
35) Methylcyclohexane	7.373	83	142860	47.035	ug/L	94
37) 1,2-Dichloropropane	7.427	63	88057	43.716	ug/L #	96
38) Bromodichloromethane	7.818	83	116874	45.619	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	146598	44.581	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	225580	82.280	ug/L	94
42) Toluene	8.714	91	373743	46.991	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	134383	44.817	ug/L	93
45) 1,1,2-Trichloroethane	9.147	97	100293	48.556	ug/L	99
46) Tetrachloroethene	9.269	164	76777	52.468	ug/L	93
48) 2-Hexanone	9.427	43	174870	85.330	ug/L	95
49) Dibromochloromethane	9.519	129	98899	51.370	ug/L	100
50) 1,2-Dibromoethane	9.604	107	104631	49.061	ug/L	97
51) Chlorobenzene	10.079	112	256968	49.436	ug/L	94
52) Ethylbenzene	10.189	91	409761	47.397	ug/L	98
53) m,p-Xylene	10.299	106	166007	49.743	ug/L	99
54) o-Xylene	10.640	106	168599	50.675	ug/L	92
55) Styrene	10.652	104	278098	50.247	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	147960	47.829	ug/L	99
59) Bromoform	10.799	173	67696	48.778	ug/L	97
60) Isopropylbenzene	10.957	105	427206	46.435	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	110914	43.066	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	363862	47.053	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	356790	46.339	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	202307	49.992	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	199317	48.900	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	204715	49.502	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	27304	42.338	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	135736	50.290	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	122917	49.668	ug/L	99
71) Naphthalene	13.774	128	440215	47.901	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	126062	49.287	ug/L	99

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

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111224\  
Data File : VX043803.D  
Acq On    : 12 Nov 2024  10:15  
Operator  : JC/MD  
Sample    : VSTDCCC050  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

Quant Time: Nov 13 02:00:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 00:51:02 2024
Response via : Initial Calibration

