

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112024\
 Data File : VX043914.D
 Acq On : 20 Nov 2024 14:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050794

Quant Time: Nov 21 00:42:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 21 00:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	302195	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	265341	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110327	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	108421	44.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.940%		
7) Chloroethane-d5	1.642	69	45756	45.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.000%		
11) 1,1-Dichloroethene-d2	2.294	65	43228	44.612	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.220%		
21) 2-Butanone-d5	4.458	46	142624	98.443	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.440%		
24) Chloroform-d	5.050	84	210466	47.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.220%		
26) 1,2-Dichloroethane-d4	5.946	65	132604	44.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.420%		
32) Benzene-d6	5.964	84	396331	45.293	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.580%		
36) 1,2-Dichloropropane-d6	7.305	67	123246	46.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.200%		
41) Toluene-d8	8.647	98	360742	46.997	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.000%		
43) trans-1,3-Dichloroprop...	8.945	79	56577	47.275	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.540%		
47) 2-Hexanone-d5	9.384	63	101118	102.410	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.410%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151535	45.444	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.880%		
66) 1,2-Dichlorobenzene-d4	12.317	152	117626	50.227	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	114799	46.299	ug/L	100
3) Chloromethane	1.294	50	113504	44.770	ug/L	98
5) Vinyl chloride	1.374	62	116797	45.307	ug/L	96
6) Bromomethane	1.593	94	42073	39.187	ug/L	98
8) Chloroethane	1.666	64	48485	42.255	ug/L	96
9) Trichlorofluoromethane	1.867	101	156905	45.489	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	98340	47.831	ug/L	99
12) 1,1-Dichloroethene	2.306	96	85619	45.726	ug/L	91
13) Acetone	2.386	43	117986	92.640	ug/L	99
14) Carbon disulfide	2.495	76	156946	39.439	ug/L	100
15) Methyl Acetate	2.703	43	108401	45.499	ug/L	100
16) Methylene chloride	2.782	84	99511	45.326	ug/L	99
17) trans-1,2-Dichloroethene	3.081	96	87434	43.604	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	331580	44.686	ug/L	100
19) 1,1-Dichloroethane	3.599	63	177333	44.390	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	107624	44.149	ug/L	98
22) 2-Butanone	4.562	43	161262	95.008	ug/L	98
23) Bromochloromethane	4.891	128	55647	44.353	ug/L	95
25) Chloroform	5.086	83	192231	44.063	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	149586	43.472	ug/L	99
29) Cyclohexane	5.458	56	158777	46.004	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	163392	44.628	ug/L	99
31) Carbon tetrachloride	5.672	117	129115	43.478	ug/L	100
33) Benzene	6.031	78	388959	43.851	ug/L	100
34) Trichloroethene	7.116	95	103038	42.328	ug/L	99
35) Methylcyclohexane	7.372	83	164328	49.375	ug/L	99
37) 1,2-Dichloropropane	7.427	63	103105	44.789	ug/L #	95
38) Bromodichloromethane	7.817	83	125714	43.544	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	163912	45.186	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	297465	94.386	ug/L	99
42) Toluene	8.714	91	412044	46.097	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	148966	45.686	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	108012	47.714	ug/L	98
46) Tetrachloroethene	9.268	164	76438	48.191	ug/L	95
48) 2-Hexanone	9.433	43	225982	94.989	ug/L	99
49) Dibromochloromethane	9.518	129	93147	44.511	ug/L	98
50) 1,2-Dibromoethane	9.610	107	110628	46.394	ug/L	99
51) Chlorobenzene	10.079	112	262202	47.290	ug/L	97
52) Ethylbenzene	10.189	91	451592	47.931	ug/L	100
53) m,p-Xylene	10.299	106	172984	49.433	ug/L	94
54) o-Xylene	10.640	106	174888	49.640	ug/L	98
55) Styrene	10.652	104	291635	50.006	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	147162	43.429	ug/L	99
59) Bromoform	10.799	173	59227	47.911	ug/L	98
60) Isopropylbenzene	10.963	105	459637	52.865	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	109309	43.483	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	314671	45.810	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	327448	47.810	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	170988	46.874	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	167462	46.232	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	174674	46.249	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	26687	42.418	ug/L	89
69) 1,3,5-Trichlorobenzene	13.109	180	118912	50.520	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	92496	42.620	ug/L	97
71) Naphthalene	13.774	128	356252	44.127	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	95712	43.770	ug/L	97

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

