

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043699.D
 Acq On : 04 Nov 2024 21:42
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050778

Quant Time: Nov 05 03:50:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:44:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	288088	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	261702	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	124709	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69408	45.224	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.440%		
7) Chloroethane-d5	1.642	69	32803	49.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.440%		
11) 1,1-Dichloroethene-d2	2.294	65	30276	42.733	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.460%		
21) 2-Butanone-d5	4.465	46	96772	96.302	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.300%		
24) Chloroform-d	5.050	84	150711	45.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.100%		
26) 1,2-Dichloroethane-d4	5.952	65	90929	43.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.520%		
32) Benzene-d6	5.970	84	299107	44.207	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
36) 1,2-Dichloropropane-d6	7.306	67	91489	44.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.880%		
41) Toluene-d8	8.647	98	272933	44.406	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.820%		
43) trans-1,3-Dichloroprop...	8.952	79	41939	42.602	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.200%		
47) 2-Hexanone-d5	9.384	63	78993	96.965	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.970%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129554	49.052	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	101946	47.181	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81461	40.149	ug/L	98
3) Chloromethane	1.294	50	96787	49.085	ug/L	99
5) Vinyl chloride	1.374	62	92445	47.862	ug/L	97
6) Bromomethane	1.593	94	36947	49.363	ug/L	98
8) Chloroethane	1.660	64	38089	56.049	ug/L	98
9) Trichlorofluoromethane	1.868	101	109004	44.472	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	71053	42.208	ug/L	99
12) 1,1-Dichloroethene	2.306	96	73503	47.830	ug/L	87
13) Acetone	2.386	43	81053	86.724	ug/L	98
14) Carbon disulfide	2.502	76	142485	41.941	ug/L	98
15) Methyl Acetate	2.703	43	97228	49.198	ug/L	97
16) Methylene chloride	2.782	84	91828	49.459	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	78695	47.599	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	302848	48.186	ug/L	99
19) 1,1-Dichloroethane	3.605	63	153153	47.043	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	99265	48.340	ug/L	95
22) 2-Butanone	4.568	43	130520	96.529	ug/L	99
23) Bromochloromethane	4.891	128	50856	49.268	ug/L	98
25) Chloroform	5.093	83	165802	47.459	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	127415	47.200	ug/L	96
29) Cyclohexane	5.458	56	119764	39.440	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	134803	42.521	ug/L	99
31) Carbon tetrachloride	5.672	117	110347	42.428	ug/L	99
33) Benzene	6.031	78	346921	46.507	ug/L	100
34) Trichloroethene	7.123	95	88512	44.136	ug/L	95
35) Methylcyclohexane	7.373	83	118540	39.564	ug/L	98
37) 1,2-Dichloropropane	7.428	63	95209	47.916	ug/L	100
38) Bromodichloromethane	7.824	83	114641	45.361	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	145690	44.912	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	272298	100.683	ug/L	98
42) Toluene	8.714	91	369123	47.047	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	133543	45.148	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	101163	49.649	ug/L	99
46) Tetrachloroethene	9.269	164	65314	45.247	ug/L	98
48) 2-Hexanone	9.433	43	200802	99.328	ug/L	96
49) Dibromochloromethane	9.519	129	92301	48.601	ug/L	98
50) 1,2-Dibromoethane	9.610	107	104809	49.819	ug/L	97
51) Chlorobenzene	10.079	112	249518	48.661	ug/L	96
52) Ethylbenzene	10.195	91	404515	47.432	ug/L	99
53) m,p-Xylene	10.299	106	157952	47.979	ug/L	99
54) o-Xylene	10.640	106	161189	49.112	ug/L	99
55) Styrene	10.653	104	280202	51.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	154066	50.486	ug/L	99
59) Bromoform	10.799	173	61812	47.386	ug/L	97
60) Isopropylbenzene	10.963	105	404236	46.748	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	119038	49.175	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	340321	46.822	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	344047	47.541	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	188327	49.513	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	189174	49.379	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	191477	49.261	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	29232	48.226	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.109	180	120673	47.568	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	110280	47.411	ug/L	100
71) Naphthalene	13.774	128	439333	50.861	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	117623	48.929	ug/L	99

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

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