

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121724\
 Data File : VX044373.D
 Acq On : 18 Dec 2024 00:03
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050804

Quant Time: Dec 18 06:49:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 04:40:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	225927	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	87826	42.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.960%		
7) Chloroethane-d5	1.648	69	79985	49.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.880%		
11) 1,1-Dichloroethene-d2	2.294	65	35861	40.557	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.120%		
21) 2-Butanone-d5	4.465	46	145242	114.741	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.740%		
24) Chloroform-d	5.056	84	200599	51.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.200%		
26) 1,2-Dichloroethane-d4	5.952	65	133298	48.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.040%		
32) Benzene-d6	5.970	84	342000	50.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.220%		
36) 1,2-Dichloropropane-d6	7.306	67	111854	52.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.560%		
41) Toluene-d8	8.647	98	301520	47.784	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.560%		
43) trans-1,3-Dichloroprop...	8.952	79	47389	46.536	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.080%		
47) 2-Hexanone-d5	9.384	63	96892	117.269	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	117.270%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160851	56.610	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	113.220%		
66) 1,2-Dichlorobenzene-d4	12.317	152	108942	52.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73343	40.030	ug/L	98
3) Chloromethane	1.294	50	79888	47.265	ug/L	98
5) Vinyl chloride	1.374	62	84819	46.513	ug/L	97
6) Bromomethane	1.593	94	53513	43.176	ug/L	100
8) Chloroethane	1.666	64	62643	51.890	ug/L	97
9) Trichlorofluoromethane	1.874	101	134439	39.568	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	61970	41.414	ug/L	95
12) 1,1-Dichloroethene	2.306	96	59708	44.830	ug/L #	68
13) Acetone	2.386	43	74061	65.753	ug/L	93
14) Carbon disulfide	2.502	76	97197	38.523	ug/L	99
15) Methyl Acetate	2.709	43	85544	46.835	ug/L	100
16) Methylene chloride	2.782	84	74510	48.614	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	62694	45.197	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	252406	45.095	ug/L	98
19) 1,1-Dichloroethane	3.605	63	136123	46.777	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	80382	47.402	ug/L	97
22) 2-Butanone	4.568	43	120825	88.876	ug/L	95
23) Bromochloromethane	4.897	128	40003	48.373	ug/L	86
25) Chloroform	5.086	83	153561	46.886	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	124452	45.707	ug/L	99
29) Cyclohexane	5.464	56	102617	41.875	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	121807	45.432	ug/L	97
31) Carbon tetrachloride	5.672	117	96955	46.169	ug/L	97
33) Benzene	6.037	78	295927	49.340	ug/L	100
34) Trichloroethene	7.123	95	75170	45.906	ug/L	94
35) Methylcyclohexane	7.379	83	96020	40.478	ug/L	98
37) 1,2-Dichloropropane	7.427	63	79963	49.651	ug/L	100
38) Bromodichloromethane	7.824	83	95927	45.463	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	115703	45.869	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	242150	97.120	ug/L	96
42) Toluene	8.714	91	298490	46.969	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	106016	44.341	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	80886	49.010	ug/L	96
46) Tetrachloroethene	9.269	164	53154	48.661	ug/L	93
48) 2-Hexanone	9.433	43	180464	91.927	ug/L	94
49) Dibromochloromethane	9.519	129	66965	45.904	ug/L	98
50) 1,2-Dibromoethane	9.610	107	81481	47.806	ug/L	100
51) Chlorobenzene	10.079	112	193053	47.350	ug/L	95
52) Ethylbenzene	10.195	91	333766	47.680	ug/L	99
53) m,p-Xylene	10.299	106	122837	48.448	ug/L	97
54) o-Xylene	10.640	106	126348	48.460	ug/L	99
55) Styrene	10.652	104	209350	49.231	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	126035	49.228	ug/L	98
59) Bromoform	10.799	173	40228	44.907	ug/L	97
60) Isopropylbenzene	10.963	105	329404	47.814	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	97999	47.393	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	263022	46.005	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	265158	47.257	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	137107	47.988	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	136052	47.586	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	138700	47.812	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20403	43.414	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	85395	47.905	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	78545	49.466	ug/L	98
71) Naphthalene	13.774	128	312027	48.200	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	84118	49.868	ug/L	99

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

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