

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044568.D
 Acq On : 31 Dec 2024 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 01 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	126884	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	200592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86636	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	90290	40.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.180%
35) Dibromofluoromethane	5.373	113	72813	52.411	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.820%
50) Toluene-d8	8.647	98	234656	50.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.120%
62) 4-Bromofluorobenzene	11.079	95	86443	52.781	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	94172	47.999	ug/l	98
3) Chloromethane	1.294	50	85700	45.678	ug/l	98
4) Vinyl Chloride	1.374	62	90241	46.169	ug/l	100
5) Bromomethane	1.593	94	61182	44.122	ug/l	95
6) Chloroethane	1.660	64	49004	40.263	ug/l	97
7) Trichlorofluoromethane	1.867	101	167177	43.689	ug/l	99
8) Diethyl Ether	2.136	74	58442	44.744	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	81612	52.708	ug/l	95
10) Methyl Iodide	2.441	142	104234	51.077	ug/l	95
11) Tert butyl alcohol	2.995	59	59544	189.910	ug/l	100
12) 1,1-Dichloroethene	2.306	96	73596	51.747	ug/l	94
13) Acrolein	2.233	56	134070	295.400	ug/l	99
14) Allyl chloride	2.654	41	118907	50.195	ug/l	98
15) Acrylonitrile	3.062	53	206935	238.263	ug/l	99
16) Acetone	2.386	43	200578	221.151	ug/l	96
17) Carbon Disulfide	2.495	76	147241	54.464	ug/l	97
18) Methyl Acetate	2.703	43	106832	45.684	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	257573	46.410	ug/l	100
20) Methylene Chloride	2.782	84	80917	47.500	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	76596	50.675	ug/l	93
22) Diisopropyl ether	3.757	45	242147	45.394	ug/l	92
23) Vinyl Acetate	3.715	43	1095031	252.497	ug/l	99
24) 1,1-Dichloroethane	3.599	63	140858	47.372	ug/l	99
25) 2-Butanone	4.562	43	293040	227.270	ug/l	99
26) 2,2-Dichloropropane	4.465	77	127131	52.629	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	93500	48.707	ug/l	95
28) Bromochloromethane	4.897	49	58477	40.106	ug/l	93
29) Tetrahydrofuran	5.001	42	182165	220.108	ug/l	98
30) Chloroform	5.086	83	153806	46.039	ug/l	96
31) Cyclohexane	5.458	56	120210	50.064	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	135428	48.836	ug/l	98
36) 1,1-Dichloropropene	5.684	75	98724	54.974	ug/l	97
37) Ethyl Acetate	4.714	43	113611	51.179	ug/l	99
38) Carbon Tetrachloride	5.666	117	113090	58.493	ug/l	95
39) Methylcyclohexane	7.373	83	133574	62.218	ug/l	96
40) Benzene	6.031	78	310549	56.956	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	62695	53.187	ug/l	98
42) 1,2-Dichloroethane	6.080	62	120034	53.442	ug/l	97
43) Isopropyl Acetate	6.342	43	182544	52.612	ug/l	98
44) Trichloroethene	7.117	130	78505	57.737	ug/l	97
45) 1,2-Dichloropropane	7.421	63	76077	54.613	ug/l	97
46) Dibromomethane	7.574	93	61737	57.127	ug/l	94
47) Bromodichloromethane	7.818	83	109189	58.502	ug/l	99
48) Methyl methacrylate	7.690	41	88670	52.647	ug/l	97
49) 1,4-Dioxane	7.659	88	23526	842.492	ug/l #	62
51) 4-Methyl-2-Pentanone	8.574	43	584184	261.860	ug/l	98
52) Toluene	8.714	92	189430	55.324	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	111851	55.413	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	120884	59.484	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	78317	57.575	ug/l	96
56) Ethyl methacrylate	9.116	69	121218	56.449	ug/l	97
57) 1,3-Dichloropropane	9.305	76	130051	54.928	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	270384	249.641	ug/l	98
59) 2-Hexanone	9.427	43	434743	269.228	ug/l	97
60) Dibromochloromethane	9.518	129	80314	55.351	ug/l	99
61) 1,2-Dibromoethane	9.604	107	82386	59.502	ug/l	97
64) Tetrachloroethene	9.269	164	68900	58.875	ug/l	98
65) Chlorobenzene	10.079	112	212820	56.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	73172	60.261	ug/l	98
67) Ethyl Benzene	10.189	91	365971	56.061	ug/l	96
68) m/p-Xylenes	10.299	106	281854	117.664	ug/l	93
69) o-Xylene	10.640	106	135114	55.747	ug/l	98
70) Styrene	10.652	104	227359	58.516	ug/l	97
71) Bromoform	10.799	173	51240	59.018	ug/l #	99
73) Isopropylbenzene	10.957	105	360319	54.328	ug/l	99
74) N-amyl acetate	10.841	43	159895	52.165	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	119406	51.834	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	97653m	50.483	ug/l	
77) Bromobenzene	11.195	156	88510	55.033	ug/l	94
78) n-propylbenzene	11.305	91	408343	55.705	ug/l	98
79) 2-Chlorotoluene	11.360	91	248301	52.375	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	299721	54.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35044	51.699	ug/l	91
82) 4-Chlorotoluene	11.451	91	283555	54.013	ug/l	99
83) tert-Butylbenzene	11.713	119	301057	55.386	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	302030	55.916	ug/l	98
85) sec-Butylbenzene	11.890	105	370955	56.216	ug/l	99
86) p-Isopropyltoluene	12.006	119	310635	56.559	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	160802	57.239	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	160596	55.609	ug/l	98
89) n-Butylbenzene	12.329	91	265664	57.524	ug/l	99
90) Hexachloroethane	12.536	117	53804	67.110	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	158724	54.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27395	61.261	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	101500	63.468	ug/l	99
94) Hexachlorobutadiene	13.725	225	43011	66.863	ug/l	98
95) Naphthalene	13.774	128	354742	56.827	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	105294	62.075	ug/l	99

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

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