

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045301.D
 Acq On : 17 Mar 2025 13:27
 Operator : JC/MD
 Sample : VX0317WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Quant Time: Mar 18 01:24:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	101138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	165274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85887	53.387	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.780%			
35) Dibromofluoromethane	5.379	113	63252	50.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.780%			
50) Toluene-d8	8.646	98	228793	50.779	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.560%			
62) 4-Bromofluorobenzene	11.079	95	81544	54.616	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24446	19.202	ug/l	97
3) Chloromethane	1.306	50	28627	18.374	ug/l	97
4) Vinyl Chloride	1.373	62	26446	17.111	ug/l	97
5) Bromomethane	1.593	94	11317	18.626	ug/l	100
6) Chloroethane	1.666	64	14442	20.258	ug/l	90
7) Trichlorofluoromethane	1.873	101	38943	19.034	ug/l	98
8) Diethyl Ether	2.129	74	14132	17.659	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	26324	22.394	ug/l	99
10) Methyl Iodide	2.440	142	29820	20.300	ug/l	99
11) Tert butyl alcohol	2.977	59	27090	88.901	ug/l	98
12) 1,1-Dichloroethene	2.306	96	25013	20.127	ug/l	95
13) Acrolein	2.233	56	9180	26.061	ug/l	99
14) Allyl chloride	2.654	41	45854	20.728	ug/l	98
15) Acrylonitrile	3.062	53	85500	104.691	ug/l	98
16) Acetone	2.385	43	76856	102.968	ug/l	98
17) Carbon Disulfide	2.501	76	51976	15.702	ug/l	99
18) Methyl Acetate	2.702	43	46393	25.837	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	88614	21.253	ug/l	99
20) Methylene Chloride	2.782	84	30352	20.528	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	23923	19.485	ug/l	96
22) Diisopropyl ether	3.763	45	94872	21.087	ug/l	95
23) Vinyl Acetate	3.721	43	388341	103.434	ug/l	99
24) 1,1-Dichloroethane	3.605	63	51651	20.485	ug/l	99
25) 2-Butanone	4.556	43	119850	106.673	ug/l	99
26) 2,2-Dichloropropane	4.470	77	32803	27.736	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	31070	20.500	ug/l	97
28) Bromochloromethane	4.891	49	27858	23.180	ug/l	98
29) Tetrahydrofuran	5.007	42	76508	101.401	ug/l	99
30) Chloroform	5.086	83	52772	21.064	ug/l	97
31) Cyclohexane	5.458	56	43862	20.040	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	41878	20.696	ug/l	97
36) 1,1-Dichloropropene	5.684	75	33736	19.793	ug/l	99
37) Ethyl Acetate	4.714	43	44083	20.072	ug/l	99
38) Carbon Tetrachloride	5.665	117	34679	20.041	ug/l	93
39) Methylcyclohexane	7.378	83	42572	20.845	ug/l	98
40) Benzene	6.031	78	106504	19.788	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24530	20.656	ug/l	96
42) 1,2-Dichloroethane	6.080	62	41895	21.616	ug/l	98
43) Isopropyl Acetate	6.336	43	68496	21.091	ug/l	100
44) Trichloroethene	7.122	130	24784	19.611	ug/l	98
45) 1,2-Dichloropropane	7.427	63	28289	20.443	ug/l	99
46) Dibromomethane	7.580	93	20651	21.114	ug/l	96
47) Bromodichloromethane	7.817	83	39686	20.686	ug/l	99
48) Methyl methacrylate	7.689	41	34761	21.335	ug/l	96
49) 1,4-Dioxane	7.665	88	12874	374.590	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	237874	109.087	ug/l	100
52) Toluene	8.714	92	66813	21.158	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	33616	20.959	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	39870	21.318	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	27496	21.151	ug/l	97
56) Ethyl methacrylate	9.116	69	43056	21.789	ug/l	97
57) 1,3-Dichloropropane	9.305	76	46658	20.739	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	110471	114.603	ug/l	99
59) 2-Hexanone	9.427	43	172189	108.985	ug/l	99
60) Dibromochloromethane	9.518	129	27878	20.510	ug/l	99
61) 1,2-Dibromoethane	9.604	107	27552	21.230	ug/l	99
64) Tetrachloroethene	9.268	164	20781	19.632	ug/l	97
65) Chlorobenzene	10.079	112	72749	20.802	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.158	131	23664	20.319	ug/l	96
67) Ethyl Benzene	10.189	91	125888	20.659	ug/l	100
68) m/p-Xylenes	10.299	106	94244	42.248	ug/l	99
69) o-Xylene	10.640	106	47372	21.056	ug/l	98
70) Styrene	10.652	104	77764	21.362	ug/l	99
71) Bromoform	10.799	173	17392	19.803	ug/l #	97
73) Isopropylbenzene	10.957	105	122310	21.334	ug/l	99
74) N-amyl acetate	10.841	43	55501	20.632	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	43074	20.474	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	35883m	20.990	ug/l	
77) Bromobenzene	11.195	156	27811	20.560	ug/l	98
78) n-propylbenzene	11.298	91	140697	21.725	ug/l	99
79) 2-Chlorotoluene	11.359	91	86084	20.872	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	99205	21.401	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9542	19.101	ug/l	86
82) 4-Chlorotoluene	11.451	91	95135	21.164	ug/l	99
83) tert-Butylbenzene	11.713	119	100517	21.104	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	100257	21.495	ug/l	99
85) sec-Butylbenzene	11.890	105	125750	22.041	ug/l	99
86) p-Isopropyltoluene	12.006	119	99858	21.658	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	49295	20.428	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	48973	20.060	ug/l	97
89) n-Butylbenzene	12.329	91	86599	21.807	ug/l	99
90) Hexachloroethane	12.536	117	16296	19.540	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	48902	20.202	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.938	75	8258	20.148	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	28535	20.703	ug/l	99
94) Hexachlorobutadiene	13.725	225	11768	20.825	ug/l	97
95) Naphthalene	13.774	128	108559	20.500	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30134	20.724	ug/l	99

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

