

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044603.D
 Acq On : 07 Jan 2025 15:34
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010725

Quant Time: Jan 08 05:52:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	189622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	316532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	272375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	142987	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	150566	49.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.500%
35) Dibromofluoromethane	5.373	113	107656	49.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	8.641	98	367621	49.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.079	95	150542	57.528	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.060%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	137239	50.020	ug/l	98
3) Chloromethane	1.294	50	119576	43.735	ug/l	100
4) Vinyl Chloride	1.374	62	119359	46.536	ug/l	96
5) Bromomethane	1.599	94	65604	49.378	ug/l	98
6) Chloroethane	1.666	64	70231	47.863	ug/l	93
7) Trichlorofluoromethane	1.874	101	201266	52.700	ug/l	99
8) Diethyl Ether	2.130	74	73413	54.402	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	110421	50.428	ug/l	99
10) Methyl Iodide	2.447	142	139874	45.809	ug/l	98
11) Tert butyl alcohol	2.983	59	95337	253.232	ug/l	100
12) 1,1-Dichloroethene	2.313	96	98796	46.573	ug/l	96
13) Acrolein	2.233	56	124124	249.358	ug/l	99
14) Allyl chloride	2.654	41	176735	50.095	ug/l	98
15) Acrylonitrile	3.056	53	276827	255.311	ug/l	99
16) Acetone	2.380	43	260807	270.648	ug/l	100
17) Carbon Disulfide	2.502	76	227180	51.792	ug/l	99
18) Methyl Acetate	2.697	43	146236	51.415	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	365335	50.254	ug/l	98
20) Methylene Chloride	2.782	84	111866	45.503	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	104553	48.023	ug/l	94
22) Diisopropyl ether	3.757	45	360215	49.668	ug/l	93
23) Vinyl Acetate	3.715	43	1599276	272.695	ug/l	100
24) 1,1-Dichloroethane	3.599	63	203388	48.129	ug/l	99
25) 2-Butanone	4.550	43	387604	278.669	ug/l	98
26) 2,2-Dichloropropane	4.471	77	188592	51.617	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	124341	46.837	ug/l	98
28) Bromochloromethane	4.885	49	100146	50.910	ug/l	96
29) Tetrahydrofuran	5.001	42	245915	258.181	ug/l	99
30) Chloroform	5.080	83	215072	47.209	ug/l	99
31) Cyclohexane	5.458	56	172928	49.840	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	196434	51.235	ug/l	99
36) 1,1-Dichloropropene	5.684	75	141163	50.296	ug/l	99
37) Ethyl Acetate	4.702	43	159354	55.503	ug/l	99
38) Carbon Tetrachloride	5.666	117	162259	52.106	ug/l	95
39) Methylcyclohexane	7.373	83	184835	51.612	ug/l	98
40) Benzene	6.025	78	423783	47.956	ug/l	100

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41) Methacrylonitrile	4.910	41	86868	56.367	ug/l	98
42) 1,2-Dichloroethane	6.074	62	178591	51.677	ug/l	99
43) Isopropyl Acetate	6.330	43	260884	55.077	ug/l	100
44) Trichloroethene	7.117	130	105105	46.528	ug/l	99
45) 1,2-Dichloropropane	7.421	63	104909	48.692	ug/l	96
46) Dibromomethane	7.574	93	82661	49.332	ug/l	99
47) Bromodichloromethane	7.818	83	157989	51.813	ug/l	98
48) Methyl methacrylate	7.690	41	129253	57.212	ug/l	97
49) 1,4-Dioxane	7.659	88	34995	1054.109	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	781060	282.088	ug/l	99
52) Toluene	8.714	92	266026	49.893	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	161793	55.511	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	174299	53.210	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	101873	48.736	ug/l	96
56) Ethyl methacrylate	9.110	69	166968	54.925	ug/l	97
57) 1,3-Dichloropropane	9.305	76	179394	51.108	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	388986	258.112	ug/l	99
59) 2-Hexanone	9.427	43	572995	292.615	ug/l	99
60) Dibromochloromethane	9.519	129	114110	54.749	ug/l	98
61) 1,2-Dibromoethane	9.604	107	108755	51.516	ug/l	97
64) Tetrachloroethene	9.269	164	92504	48.035	ug/l	99
65) Chlorobenzene	10.073	112	284281	49.177	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	99668	51.911	ug/l	97
67) Ethyl Benzene	10.189	91	508409	51.215	ug/l	99
68) m/p-Xylenes	10.299	106	375022	102.808	ug/l	99
69) o-Xylene	10.640	106	182474	49.559	ug/l	99
70) Styrene	10.653	104	308264	52.345	ug/l	99
71) Bromoform	10.799	173	68778	51.015	ug/l #	99
73) Isopropylbenzene	10.957	105	548529	51.780	ug/l	99
74) N-amyl acetate	10.842	43	222407	51.742	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	172209	50.433	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	147424m	51.433	ug/l	
77) Bromobenzene	11.195	156	129350	50.264	ug/l	97
78) n-propylbenzene	11.299	91	619242	51.897	ug/l	98
79) 2-Chlorotoluene	11.360	91	372370	48.159	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	448527	51.065	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	52615	55.876	ug/l	95
82) 4-Chlorotoluene	11.451	91	425096	48.871	ug/l	99
83) tert-Butylbenzene	11.713	119	456871	52.238	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	458866	52.007	ug/l	99
85) sec-Butylbenzene	11.890	105	557449	52.335	ug/l	100
86) p-Isopropyltoluene	12.006	119	471864	52.797	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	234785	50.434	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	232239	47.881	ug/l	99
89) n-Butylbenzene	12.329	91	401929	53.259	ug/l	98
90) Hexachloroethane	12.536	117	74415	51.831	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	228094	48.487	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35205	54.385	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	141302	51.107	ug/l	98
94) Hexachlorobutadiene	13.725	225	60585	52.624	ug/l	99
95) Naphthalene	13.774	128	505215	56.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	137582	48.678	ug/l	100

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

