

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045763.D
 Acq On : 14 Apr 2025 13:04
 Operator : JC/MD
 Sample : VX0414WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Quant Time: Apr 15 01:27:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	89864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	161403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83932	51.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.140%			
35) Dibromofluoromethane	5.379	113	57401	50.125	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	8.646	98	196948	49.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.540%			
62) 4-Bromofluorobenzene	11.079	95	74763	51.351	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26696	19.864	ug/l	99
3) Chloromethane	1.300	50	26046	18.865	ug/l	99
4) Vinyl Chloride	1.373	62	23774	18.816	ug/l	98
5) Bromomethane	1.593	94	11086	18.504	ug/l	96
6) Chloroethane	1.672	64	13988	20.866	ug/l	97
7) Trichlorofluoromethane	1.879	101	37054	19.666	ug/l	97
8) Diethyl Ether	2.129	74	12625	19.958	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	22665	20.529	ug/l	97
10) Methyl Iodide	2.446	142	26320	19.112	ug/l	97
11) Tert butyl alcohol	2.971	59	23653	107.096	ug/l	99
12) 1,1-Dichloroethene	2.312	96	20579	19.076	ug/l	95
13) Acrolein	2.233	56	22743	74.779	ug/l	98
14) Allyl chloride	2.660	41	40001	19.542	ug/l	99
15) Acrylonitrile	3.062	53	71642	102.762	ug/l	98
16) Acetone	2.379	43	70328	104.218	ug/l	95
17) Carbon Disulfide	2.501	76	36873	13.839	ug/l	99
18) Methyl Acetate	2.702	43	37559	24.174	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	77456	20.524	ug/l	98
20) Methylene Chloride	2.782	84	24841	19.663	ug/l	94
21) trans-1,2-Dichloroethene	3.086	96	21149	19.189	ug/l	95
22) Diisopropyl ether	3.757	45	81991	20.334	ug/l #	86
23) Vinyl Acetate	3.720	43	337168	96.783	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45683	20.033	ug/l	99
25) 2-Butanone	4.556	43	103398	104.676	ug/l	98
26) 2,2-Dichloropropane	4.470	77	30087	20.421	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	26681	19.870	ug/l	99
28) Bromochloromethane	4.891	49	22296	20.233	ug/l	98
29) Tetrahydrofuran	5.001	42	66096	103.207	ug/l	99
30) Chloroform	5.086	83	49387	21.048	ug/l	92
31) Cyclohexane	5.464	56	37357	18.531	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	39081	19.684	ug/l	98
36) 1,1-Dichloropropene	5.684	75	30574	19.774	ug/l	97
37) Ethyl Acetate	4.714	43	38025	19.515	ug/l	99
38) Carbon Tetrachloride	5.671	117	32493	19.445	ug/l	96
39) Methylcyclohexane	7.378	83	34922	18.425	ug/l	96
40) Benzene	6.037	78	93428	19.785	ug/l	98

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41) Methacrylonitrile	4.921	41	22001	21.400	ug/l	99
42) 1,2-Dichloroethane	6.086	62	40860	20.950	ug/l	100
43) Isopropyl Acetate	6.336	43	56858	19.253	ug/l	99
44) Trichloroethene	7.122	130	22333	19.898	ug/l	97
45) 1,2-Dichloropropane	7.427	63	23256	19.738	ug/l	100
46) Dibromomethane	7.580	93	18480	20.432	ug/l	98
47) Bromodichloromethane	7.817	83	35002	19.378	ug/l	99
48) Methyl methacrylate	7.689	41	30445	19.966	ug/l	99
49) 1,4-Dioxane	7.659	88	12920	468.322	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	207064	105.766	ug/l	99
52) Toluene	8.713	92	57612	20.162	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28263	17.815	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	33168	19.541	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	23592	20.719	ug/l	96
56) Ethyl methacrylate	9.116	69	35473	20.130	ug/l	97
57) 1,3-Dichloropropane	9.305	76	40743	20.548	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	94811	106.357	ug/l	100
59) 2-Hexanone	9.427	43	153036	105.559	ug/l	99
60) Dibromochloromethane	9.518	129	23195	18.686	ug/l	100
61) 1,2-Dibromoethane	9.604	107	23365	20.271	ug/l	99
64) Tetrachloroethene	9.268	164	20262	20.445	ug/l	90
65) Chlorobenzene	10.079	112	61084	20.365	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.158	131	20719	19.896	ug/l	98
67) Ethyl Benzene	10.189	91	110796	20.625	ug/l	98
68) m/p-Xylenes	10.299	106	79675	40.779	ug/l	96
69) o-Xylene	10.640	106	39638	20.594	ug/l	97
70) Styrene	10.652	104	66232	20.849	ug/l	99
71) Bromoform	10.798	173	14069	18.094	ug/l #	98
73) Isopropylbenzene	10.957	105	106344	20.075	ug/l	100
74) N-amyl acetate	10.841	43	47909	18.907	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	36554	19.643	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	31892m	19.770	ug/l	
77) Bromobenzene	11.195	156	24403	19.938	ug/l	98
78) n-propylbenzene	11.298	91	120270	19.711	ug/l	99
79) 2-Chlorotoluene	11.359	91	77231	19.799	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	89979	20.541	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7608	16.006	ug/l	85
82) 4-Chlorotoluene	11.451	91	87402	20.096	ug/l	100
83) tert-Butylbenzene	11.713	119	86978	20.056	ug/l	96
84) 1,2,4-Trimethylbenzene	11.749	105	90494	20.583	ug/l	98
85) sec-Butylbenzene	11.890	105	107815	20.241	ug/l	99
86) p-Isopropyltoluene	12.006	119	88508	20.155	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	43683	19.607	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	43686	19.341	ug/l	98
89) n-Butylbenzene	12.329	91	72636	19.074	ug/l	99
90) Hexachloroethane	12.536	117	13641	18.075	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	44926	20.282	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7325	18.822	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	23889	19.375	ug/l	97
94) Hexachlorobutadiene	13.725	225	10445	19.659	ug/l	99
95) Naphthalene	13.774	128	87400	19.048	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24633	19.079	ug/l	99

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

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