

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045576.D
 Acq On : 03 Apr 2025 17:10
 Operator : JC/MD
 Sample : Q1711-02MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225MS

Quant Time: Apr 04 01:25:47 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 :Semsettin Yesilyurt 04/04/2025
 Supervised By :Mahesh Dadoda 04/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	36304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	65770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	57492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	26417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	27347	41.191	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.380%		
35) Dibromofluoromethane	5.385	113	18405	39.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.880%		
50) Toluene-d8	8.647	98	61542	37.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	75.560%#		
62) 4-Bromofluorobenzene	11.079	95	22625	38.136	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	76.280%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17763	32.717	ug/l	100
3) Chloromethane	1.307	50	18656	33.448	ug/l	96
4) Vinyl Chloride	1.374	62	21278	41.685	ug/l	98
5) Bromomethane	1.593	94	7515	31.050	ug/l	95
6) Chloroethane	1.666	64	8842	32.649	ug/l	97
7) Trichlorofluoromethane	1.874	101	22454	29.499	ug/l	99
8) Diethyl Ether	2.136	74	7026	27.494	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	12468	27.953	ug/l	98
10) Methyl Iodide	2.447	142	16435	29.541	ug/l	98
11) Tert butyl alcohol	2.971	59	11273	126.346	ug/l	98
12) 1,1-Dichloroethene	2.313	96	14046	32.228	ug/l	93
13) Acrolein	2.233	56	17020	138.523	ug/l	99
14) Allyl chloride	2.660	41	24939	30.158	ug/l	98
15) Acrylonitrile	3.062	53	44099	156.576	ug/l	100
16) Acetone	2.380	43	46860	171.889	ug/l	95
17) Carbon Disulfide	2.502	76	29757	27.644	ug/l	97
18) Methyl Acetate	2.703	43	18921	30.145	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	39415	25.853	ug/l	99
20) Methylene Chloride	2.782	84	16033	31.414	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	13538	30.405	ug/l	93
22) Diisopropyl ether	3.764	45	41771	25.643	ug/l	94
23) Vinyl Acetate	3.721	43	193417	137.429	ug/l	100
24) 1,1-Dichloroethane	3.605	63	28524	30.963	ug/l	98
25) 2-Butanone	4.562	43	58437	146.437	ug/l	99
26) 2,2-Dichloropropane	4.471	77	16101	27.051	ug/l #	59
27) cis-1,2-Dichloroethene	4.483	96	99734	183.853	ug/l	93
28) Bromochloromethane	4.898	49	17851	40.098	ug/l	98
29) Tetrahydrofuran	5.001	42	43077	166.499	ug/l	99
30) Chloroform	5.093	83	27618	29.136	ug/l	99
31) Cyclohexane	5.464	56	21753	26.710	ug/l #	94
32) 1,1,1-Trichloroethane	5.379	97	21538	26.852	ug/l	98
36) 1,1-Dichloropropene	5.684	75	17604	27.940	ug/l	97
37) Ethyl Acetate	4.721	43	21292	26.816	ug/l #	77
38) Carbon Tetrachloride	5.672	117	18377	26.988	ug/l	95
39) Methylcyclohexane	7.379	83	20915	27.081	ug/l	99
40) Benzene	6.031	78	55187	28.680	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12314	29.393	ug/l	98
42) 1,2-Dichloroethane	6.086	62	24534	30.869	ug/l	98
43) Isopropyl Acetate	6.342	43	30201	25.096	ug/l	98
44) Trichloroethene	7.123	130	46645	101.987	ug/l	99
45) 1,2-Dichloropropane	7.428	63	12552	26.144	ug/l	97
46) Dibromomethane	7.586	93	10971	29.767	ug/l	99
47) Bromodichloromethane	7.818	83	20527	27.889	ug/l	99
48) Methyl methacrylate	7.696	41	16357	26.325	ug/l	98
49) 1,4-Dioxane	7.665	88	6600	587.097	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	107104	134.255	ug/l	98
52) Toluene	8.714	92	31342	26.917	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	15651	23.389	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	18141	26.228	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	12819	27.628	ug/l	92
56) Ethyl methacrylate	9.116	69	17745	24.712	ug/l	99
57) 1,3-Dichloropropane	9.305	76	23430	28.999	ug/l	100
59) 2-Hexanone	9.433	43	79314	134.256	ug/l	99
60) Dibromochloromethane	9.519	129	13359	26.410	ug/l	98
61) 1,2-Dibromoethane	9.610	107	12904	27.473	ug/l	98
64) Tetrachloroethene	9.269	164	11496	28.322	ug/l	96
65) Chlorobenzene	10.080	112	34553	28.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	10996	25.781	ug/l	100
67) Ethyl Benzene	10.189	91	58024	26.371	ug/l	100
68) m/p-Xylenes	10.299	106	42683	53.337	ug/l	100
69) o-Xylene	10.640	106	21233	26.934	ug/l	97
70) Styrene	10.653	104	35763	27.486	ug/l	99
71) Bromoform	10.799	173	8018	25.177	ug/l #	100
73) Isopropylbenzene	10.964	105	53141	25.114	ug/l	99
74) N-amyl acetate	10.842	43	23920	23.632	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	19895	26.765	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	17275m	26.809	ug/l	
77) Bromobenzene	11.195	156	13361	27.328	ug/l	96
78) n-propylbenzene	11.305	91	63199	25.930	ug/l	99
79) 2-Chlorotoluene	11.360	91	41362	26.545	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	44644	25.514	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	4352	22.922	ug/l	92
82) 4-Chlorotoluene	11.451	91	45464	26.170	ug/l	99
83) tert-Butylbenzene	11.713	119	42901	24.765	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	45075	25.666	ug/l	98
85) sec-Butylbenzene	11.890	105	54732	25.723	ug/l	99
86) p-Isopropyltoluene	12.006	119	43167	24.608	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	22964	25.803	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	23547	26.098	ug/l	98
89) n-Butylbenzene	12.329	91	36409	23.935	ug/l	99
90) Hexachloroethane	12.536	117	7450	24.712	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	23281	26.311	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4088	26.297	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	11469	23.286	ug/l	98
94) Hexachlorobutadiene	13.719	225	5293	24.939	ug/l	98
95) Naphthalene	13.774	128	42447	23.159	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	12125	23.510	ug/l	99

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

