

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045577.D
 Acq On : 03 Apr 2025 17:33
 Operator : JC/MD
 Sample : Q1711-03MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 04 01:26:51 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	69182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59319	46.887	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.780%		
35) Dibromofluoromethane	5.385	113	39562	44.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.600%		
50) Toluene-d8	8.647	98	138195	44.840	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.680%		
62) 4-Bromofluorobenzene	11.079	95	51613	45.976	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47385	45.800	ug/l	98
3) Chloromethane	1.307	50	48184	45.333	ug/l	99
4) Vinyl Chloride	1.374	62	46952	48.269	ug/l	99
5) Bromomethane	1.593	94	19170	41.564	ug/l	99
6) Chloroethane	1.660	64	22694	43.974	ug/l	100
7) Trichlorofluoromethane	1.874	101	62192	42.876	ug/l	98
8) Diethyl Ether	2.136	74	20167	41.412	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	36175	42.560	ug/l	97
10) Methyl Iodide	2.441	142	46035	43.422	ug/l	100
11) Tert butyl alcohol	2.989	59	33642	197.862	ug/l	100
12) 1,1-Dichloroethene	2.306	96	35734	43.026	ug/l	97
13) Acrolein	2.233	56	56800	242.590	ug/l	99
14) Allyl chloride	2.660	41	67571	42.879	ug/l	99
15) Acrylonitrile	3.062	53	118586	220.948	ug/l	99
16) Acetone	2.386	43	113493	218.462	ug/l	98
17) Carbon Disulfide	2.502	76	83677	40.793	ug/l	99
18) Methyl Acetate	2.703	43	51227	42.828	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	118298	40.718	ug/l	97
20) Methylene Chloride	2.782	84	41717	42.893	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	35999	42.427	ug/l	99
22) Diisopropyl ether	3.757	45	126501	40.752	ug/l #	83
23) Vinyl Acetate	3.721	43	579979	216.251	ug/l	100
24) 1,1-Dichloroethane	3.605	63	73743	42.006	ug/l	98
25) 2-Butanone	4.556	43	166641	219.133	ug/l	99
26) 2,2-Dichloropropane	4.465	77	47107	41.532	ug/l	87
27) cis-1,2-Dichloroethene	4.483	96	113129	109.437	ug/l	94
28) Bromochloromethane	4.891	49	44030	51.901	ug/l	100
29) Tetrahydrofuran	5.007	42	110855	224.845	ug/l	99
30) Chloroform	5.086	83	76188	42.177	ug/l	98
31) Cyclohexane	5.464	56	63718	41.056	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	63504	41.547	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48513	40.692	ug/l	98
37) Ethyl Acetate	4.715	43	61701	41.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	52678	40.884	ug/l	97
39) Methylcyclohexane	7.379	83	60427	41.348	ug/l	96
40) Benzene	6.031	78	151773	41.683	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35246	44.462	ug/l	99
42) 1,2-Dichloroethane	6.080	62	64394	42.819	ug/l	99
43) Isopropyl Acetate	6.342	43	93045	40.861	ug/l	100
44) Trichloroethene	7.123	130	64230	74.217	ug/l	98
45) 1,2-Dichloropropane	7.428	63	37608	41.396	ug/l	95
46) Dibromomethane	7.580	93	29576	42.409	ug/l	98
47) Bromodichloromethane	7.818	83	56518	40.580	ug/l	98
48) Methyl methacrylate	7.690	41	50434	42.896	ug/l	99
49) 1,4-Dioxane	7.659	88	18467	868.137	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	327122	216.701	ug/l	99
52) Toluene	8.714	92	91494	41.527	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	48435	36.797	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	53960	41.229	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	37650	42.883	ug/l	96
56) Ethyl methacrylate	9.116	69	57438	42.272	ug/l	99
57) 1,3-Dichloropropane	9.305	76	65336	42.735	ug/l	99
59) 2-Hexanone	9.427	43	244980	219.150	ug/l	100
60) Dibromochloromethane	9.519	129	40295	42.099	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38304	43.098	ug/l	97
64) Tetrachloroethene	9.269	164	30936	40.159	ug/l	99
65) Chlorobenzene	10.079	112	97984	42.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	33130	40.930	ug/l	99
67) Ethyl Benzene	10.189	91	174928	41.892	ug/l	99
68) m/p-Xylenes	10.299	106	129635	85.358	ug/l	99
69) o-Xylene	10.640	106	62955	42.080	ug/l	97
70) Styrene	10.653	104	107687	43.611	ug/l	99
71) Bromoform	10.799	173	24522	40.574	ug/l #	95
73) Isopropylbenzene	10.957	105	167230	40.915	ug/l	100
74) N-amyl acetate	10.842	43	79786	40.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	58476	40.727	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	49248m	39.568	ug/l	
77) Bromobenzene	11.195	156	39023	41.322	ug/l	97
78) n-propylbenzene	11.305	91	194389	41.291	ug/l	100
79) 2-Chlorotoluene	11.360	91	122025	40.544	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	138429	40.958	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13535	36.907	ug/l	90
82) 4-Chlorotoluene	11.451	91	140486	41.866	ug/l	99
83) tert-Butylbenzene	11.713	119	135774	40.577	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	140947	41.550	ug/l	99
85) sec-Butylbenzene	11.890	105	169765	41.307	ug/l	100
86) p-Isopropyltoluene	12.006	119	138266	40.807	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68253	39.704	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	68792	39.473	ug/l	98
89) n-Butylbenzene	12.329	91	123161	41.918	ug/l	99
90) Hexachloroethane	12.536	117	23387	40.163	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	70002	40.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12616	42.015	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	37705	39.634	ug/l	98
94) Hexachlorobutadiene	13.725	225	15843	38.647	ug/l	96
95) Naphthalene	13.774	128	144479	40.810	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40388	40.543	ug/l	99

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

