

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048033.D
 Acq On : 06 Oct 2025 18:17
 Operator : JC/MD
 Sample : Q3202-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DMSD

Quant Time: Oct 07 02:21:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	110266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	205395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	191957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	95020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100072	57.016	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.040%			
35) Dibromofluoromethane	5.379	113	76025	55.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.380%			
50) Toluene-d8	8.635	98	256817	53.881	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.760%			
62) 4-Bromofluorobenzene	11.061	95	98761	54.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	51313	44.940	ug/l	99
3) Chloromethane	1.301	50	68404	45.582	ug/l	99
4) Vinyl Chloride	1.380	62	71865	48.921	ug/l	98
5) Bromomethane	1.611	94	46238	49.638	ug/l	99
6) Chloroethane	1.691	64	49420	50.335	ug/l	99
7) Trichlorofluoromethane	1.898	101	106353	48.760	ug/l	98
8) Diethyl Ether	2.136	74	50729	56.856	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	61147	47.944	ug/l	99
10) Methyl Iodide	2.459	142	91748	46.126	ug/l	99
11) Tert butyl alcohol	2.947	59	52083	266.440	ug/l	99
12) 1,1-Dichloroethene	2.325	96	65309	49.851	ug/l	92
13) Acrolein	2.239	56	145301	806.618	ug/l	98
14) Allyl chloride	2.666	41	133379	49.338	ug/l	98
15) Acrylonitrile	3.062	53	223451	308.608	ug/l	100
16) Acetone	2.373	43	173515	227.368	ug/l	99
17) Carbon Disulfide	2.514	76	157684	43.966	ug/l	98
18) Methyl Acetate	2.703	43	106108	62.476	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	277136	57.950	ug/l	99
20) Methylene Chloride	2.788	84	89050	55.126	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	73523	52.127	ug/l	98
22) Diisopropyl ether	3.757	45	305287	58.269	ug/l	99
23) Vinyl Acetate	3.715	43	1158636	276.314	ug/l	99
24) 1,1-Dichloroethane	3.605	63	156900	56.344	ug/l	99
25) 2-Butanone	4.544	43	268688	282.256	ug/l	99
26) 2,2-Dichloropropane	4.471	77	102248	44.171	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	97734	56.581	ug/l	95
28) Bromochloromethane	4.891	49	73224	60.232	ug/l	99
29) Tetrahydrofuran	4.989	42	169510	296.005	ug/l	99
30) Chloroform	5.086	83	166640	59.218	ug/l	99
31) Cyclohexane	5.464	56	98250	42.362	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	129531	54.268	ug/l	98
36) 1,1-Dichloropropene	5.684	75	93900	46.650	ug/l	99
37) Ethyl Acetate	4.702	43	111516	51.743	ug/l	99
38) Carbon Tetrachloride	5.666	117	106539	48.715	ug/l	95
39) Methylcyclohexane	7.366	83	90475	39.598	ug/l	97
40) Benzene	6.025	78	321650	52.613	ug/l	100

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41) Methacrylonitrile	4.910	41	65229	58.626	ug/l	97
42) 1,2-Dichloroethane	6.074	62	127370	54.757	ug/l	98
43) Isopropyl Acetate	6.324	43	190077	53.776	ug/l	98
44) Trichloroethene	7.110	130	75325	50.963	ug/l	98
45) 1,2-Dichloropropane	7.421	63	88202	56.343	ug/l	98
46) Dibromomethane	7.568	93	64383	56.517	ug/l	97
47) Bromodichloromethane	7.805	83	138308	58.836	ug/l	95
48) Methyl methacrylate	7.677	41	98130	55.736	ug/l	97
49) 1,4-Dioxane	7.647	88	22441	1261.219	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	594038	303.119	ug/l	99
52) Toluene	8.702	92	202032	53.639	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	132185	55.128	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	138020	53.854	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	85430	58.822	ug/l	95
56) Ethyl methacrylate	9.104	69	133791	58.658	ug/l	98
57) 1,3-Dichloropropane	9.293	76	148166	59.388	ug/l	99
59) 2-Hexanone	9.415	43	409293	290.794	ug/l	99
60) Dibromochloromethane	9.506	129	102837	61.453	ug/l	100
61) 1,2-Dibromoethane	9.592	107	88818	60.041	ug/l	99
64) Tetrachloroethene	9.256	164	57278	45.773	ug/l	97
65) Chlorobenzene	10.061	112	229197	52.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	83056	55.193	ug/l	98
67) Ethyl Benzene	10.177	91	378641	50.322	ug/l	98
68) m/p-Xylenes	10.287	106	283057	101.069	ug/l	99
69) o-Xylene	10.628	106	141656	52.293	ug/l	97
70) Styrene	10.640	104	252447	53.186	ug/l	99
71) Bromoform	10.781	173	65663	58.438	ug/l #	98
73) Isopropylbenzene	10.945	105	351304	48.630	ug/l	99
74) N-amyl acetate	10.823	43	165215	50.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	125219	57.292	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	95632m	49.708	ug/l	
77) Bromobenzene	11.183	156	93461	52.529	ug/l	98
78) n-propylbenzene	11.287	91	411045	48.133	ug/l	99
79) 2-Chlorotoluene	11.347	91	261037	49.908	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	292455	49.275	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	36337	48.166	ug/l	99
82) 4-Chlorotoluene	11.439	91	312616	50.607	ug/l	99
83) tert-Butylbenzene	11.695	119	294905	48.538	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	299976	49.852	ug/l	100
85) sec-Butylbenzene	11.872	105	342487	47.457	ug/l	100
86) p-Isopropyltoluene	11.994	119	286662	46.919	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	166598	50.412	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	172852	50.961	ug/l	99
89) n-Butylbenzene	12.317	91	254762	45.064	ug/l	99
90) Hexachloroethane	12.518	117	56129	52.326	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	165286	52.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	23493	53.091	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	96955	47.383	ug/l	98
94) Hexachlorobutadiene	13.707	225	29282	42.130	ug/l	99
95) Naphthalene	13.756	128	324543	52.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	96007	50.439	ug/l	99

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

