

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045975.D
 Acq On : 29 Apr 2025 12:21
 Operator : JC/MD
 Sample : VX0429WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2025
 Supervised By : Semsettin Yesilyurt 04/30/2025

Quant Time: Apr 30 01:36:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	80632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79501	53.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.840%			
35) Dibromofluoromethane	5.379	113	55216	55.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.800%			
50) Toluene-d8	8.647	98	184446	53.016	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.040%			
62) 4-Bromofluorobenzene	11.079	95	71406	56.347	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	20933	17.360	ug/l	99
3) Chloromethane	1.301	50	20239	16.337	ug/l	96
4) Vinyl Chloride	1.374	62	19140	16.883	ug/l	99
5) Bromomethane	1.593	94	9415	17.515	ug/l	100
6) Chloroethane	1.673	64	12245	20.358	ug/l	98
7) Trichlorofluoromethane	1.880	101	32749	19.371	ug/l	98
8) Diethyl Ether	2.130	74	11050	19.469	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	20234	20.425	ug/l	98
10) Methyl Iodide	2.447	142	22380	18.112	ug/l	96
11) Tert butyl alcohol	2.971	59	20596	103.932	ug/l	98
12) 1,1-Dichloroethene	2.313	96	17859	18.450	ug/l	96
13) Acrolein	2.233	56	30163	110.531	ug/l	99
14) Allyl chloride	2.654	41	35730	19.454	ug/l	99
15) Acrylonitrile	3.063	53	61950	99.034	ug/l	98
16) Acetone	2.380	43	59194	97.762	ug/l	97
17) Carbon Disulfide	2.508	76	32070	13.414	ug/l	99
18) Methyl Acetate	2.703	43	39576	28.389	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	71602	21.145	ug/l	98
20) Methylene Chloride	2.782	84	21785	19.218	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	17645	17.843	ug/l	93
22) Diisopropyl ether	3.758	45	75771	20.943	ug/l #	87
23) Vinyl Acetate	3.721	43	305248	97.653	ug/l	99
24) 1,1-Dichloroethane	3.605	63	41051	20.063	ug/l	97
25) 2-Butanone	4.556	43	89868	101.395	ug/l	96
26) 2,2-Dichloropropane	4.471	77	31094	23.521	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	23917	19.851	ug/l	98
28) Bromochloromethane	4.891	49	21747	21.994	ug/l	97
29) Tetrahydrofuran	5.007	42	55579	96.722	ug/l	98
30) Chloroform	5.087	83	44363	21.072	ug/l	97
31) Cyclohexane	5.465	56	32630	18.039	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	36667	20.583	ug/l	99
36) 1,1-Dichloropropene	5.690	75	26951	20.026	ug/l	99
37) Ethyl Acetate	4.709	43	32815	19.348	ug/l	99
38) Carbon Tetrachloride	5.672	117	30835	21.200	ug/l	91
39) Methylcyclohexane	7.379	83	31049	18.821	ug/l	99
40) Benzene	6.032	78	81137	19.740	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19414	21.695	ug/l	98
42) 1,2-Dichloroethane	6.080	62	36439	21.464	ug/l	100
43) Isopropyl Acetate	6.342	43	52611	20.467	ug/l	99
44) Trichloroethene	7.123	130	19439	19.898	ug/l	99
45) 1,2-Dichloropropane	7.428	63	21438	20.904	ug/l	100
46) Dibromomethane	7.580	93	16625	21.118	ug/l	99
47) Bromodichloromethane	7.818	83	33664	21.412	ug/l	99
48) Methyl methacrylate	7.690	41	28494	21.469	ug/l	98
49) 1,4-Dioxane	7.659	88	9791	407.741	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	180040	105.654	ug/l	99
52) Toluene	8.714	92	50978	20.497	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27141	19.419	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31830	21.544	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	21739	21.934	ug/l	98
56) Ethyl methacrylate	9.116	69	33190	21.639	ug/l	99
57) 1,3-Dichloropropane	9.305	76	36368	21.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	86646	111.669	ug/l	99
59) 2-Hexanone	9.427	43	135946	107.732	ug/l	98
60) Dibromochloromethane	9.519	129	22822	21.122	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21796	21.725	ug/l	97
64) Tetrachloroethene	9.269	164	17310	20.003	ug/l	96
65) Chlorobenzene	10.080	112	54355	20.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	19764	21.736	ug/l	100
67) Ethyl Benzene	10.189	91	97814	20.852	ug/l	97
68) m/p-Xylenes	10.299	106	71200	41.733	ug/l	97
69) o-Xylene	10.640	106	35169	20.926	ug/l	97
70) Styrene	10.653	104	59455	21.434	ug/l	98
71) Bromoform	10.799	173	14381	21.181	ug/l #	100
73) Isopropylbenzene	10.957	105	96809	20.403	ug/l	98
74) N-amyl acetate	10.842	43	45523	20.057	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	34807	20.882	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	28492m	19.719	ug/l	
77) Bromobenzene	11.195	156	21147	19.289	ug/l	99
78) n-propylbenzene	11.299	91	108978	19.940	ug/l	100
79) 2-Chlorotoluene	11.360	91	69847	19.991	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	80136	20.424	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7544	17.720	ug/l	93
82) 4-Chlorotoluene	11.451	91	78882	20.249	ug/l	100
83) tert-Butylbenzene	11.713	119	79835	20.552	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	80856	20.532	ug/l	100
85) sec-Butylbenzene	11.890	105	99135	20.778	ug/l	100
86) p-Isopropyltoluene	12.006	119	80992	20.591	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40055	20.071	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	40055	19.798	ug/l	97
89) n-Butylbenzene	12.329	91	67884	19.902	ug/l	99
90) Hexachloroethane	12.536	117	13846	20.482	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	42151	21.245	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7487	21.478	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	21510	19.477	ug/l	99
94) Hexachlorobutadiene	13.719	225	10079	21.179	ug/l	98
95) Naphthalene	13.774	128	79412	19.322	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	23277	20.128	ug/l	99

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

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