

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045936.D
 Acq On : 25 Apr 2025 12:14
 Operator : JC/MD
 Sample : VX0425WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2025
 Supervised By : Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 22:59:43 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	5.538	168	82776	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	140686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79374	52.435	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.880%			
35) Dibromofluoromethane	5.373	113	54738	54.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.680%			
50) Toluene-d8	8.641	98	178850	51.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	70343	55.430	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21363	17.257	ug/l	98
3) Chloromethane	1.307	50	20650	16.237	ug/l	94
4) Vinyl Chloride	1.374	62	18240	15.672	ug/l	100
5) Bromomethane	1.593	94	9194	16.660	ug/l	100
6) Chloroethane	1.672	64	10832	17.542	ug/l	96
7) Trichlorofluoromethane	1.880	101	32450	18.697	ug/l	94
8) Diethyl Ether	2.130	74	11648	19.991	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	20218	19.880	ug/l	97
10) Methyl Iodide	2.447	142	22697	17.893	ug/l	100
11) Tert butyl alcohol	2.959	59	21430	105.340	ug/l	98
12) 1,1-Dichloroethene	2.313	96	17269	17.378	ug/l	95
13) Acrolein	2.233	56	27846	99.398	ug/l	99
14) Allyl chloride	2.654	41	35798	18.986	ug/l	100
15) Acrylonitrile	3.056	53	64789	100.890	ug/l	99
16) Acetone	2.380	43	61202	98.460	ug/l	98
17) Carbon Disulfide	2.502	76	32903	13.406	ug/l	98
18) Methyl Acetate	2.697	43	38445	26.863	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	72387	20.824	ug/l	98
20) Methylene Chloride	2.782	84	21391	18.382	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	17715	17.449	ug/l	98
22) Diisopropyl ether	3.751	45	75347	20.287	ug/l #	77
23) Vinyl Acetate	3.715	43	315257	98.243	ug/l	98
24) 1,1-Dichloroethane	3.605	63	40082	19.082	ug/l	100
25) 2-Butanone	4.550	43	92287	101.427	ug/l	99
26) 2,2-Dichloropropane	4.465	77	29511	21.746	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	23186	18.746	ug/l	96
28) Bromochloromethane	4.891	49	23353	23.007	ug/l	98
29) Tetrahydrofuran	4.995	42	57849	98.065	ug/l	99
30) Chloroform	5.086	83	43848	20.288	ug/l	95
31) Cyclohexane	5.458	56	32409	17.453	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	35906	19.633	ug/l	99
36) 1,1-Dichloropropene	5.684	75	25486	18.910	ug/l	100
37) Ethyl Acetate	4.708	43	33073	19.473	ug/l	97
38) Carbon Tetrachloride	5.666	117	30115	20.675	ug/l	99
39) Methylcyclohexane	7.373	83	31410	19.013	ug/l	96
40) Benzene	6.025	78	79887	19.408	ug/l	98

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41) Methacrylonitrile	4.910	41	19146	21.365	ug/l	98
42) 1,2-Dichloroethane	6.080	62	37182	21.871	ug/l	100
43) Isopropyl Acetate	6.336	43	54359	21.117	ug/l	99
44) Trichloroethene	7.123	130	18362	18.769	ug/l	99
45) 1,2-Dichloropropane	7.421	63	21041	20.488	ug/l	97
46) Dibromomethane	7.574	93	16396	20.797	ug/l	97
47) Bromodichloromethane	7.818	83	33116	21.034	ug/l #	94
48) Methyl methacrylate	7.690	41	28641	21.549	ug/l	99
49) 1,4-Dioxane	7.653	88	10643	442.595	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	189405	110.992	ug/l	99
52) Toluene	8.714	92	49665	19.940	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27996	19.933	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	31707	21.431	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	21449	21.611	ug/l	98
56) Ethyl methacrylate	9.116	69	33741	21.967	ug/l	100
57) 1,3-Dichloropropane	9.305	76	37503	21.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	76961	99.047	ug/l	100
59) 2-Hexanone	9.427	43	139186	110.143	ug/l	99
60) Dibromochloromethane	9.519	129	23055	21.308	ug/l	97
61) 1,2-Dibromoethane	9.604	107	21880	21.778	ug/l	100
64) Tetrachloroethene	9.269	164	16924	19.276	ug/l	95
65) Chlorobenzene	10.073	112	55607	20.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19010	20.606	ug/l	100
67) Ethyl Benzene	10.189	91	96571	20.292	ug/l	100
68) m/p-Xylenes	10.299	106	70143	40.524	ug/l	98
69) o-Xylene	10.640	106	35349	20.731	ug/l	99
70) Styrene	10.653	104	59898	21.284	ug/l	100
71) Bromoform	10.799	173	14606	21.204	ug/l #	98
73) Isopropylbenzene	10.957	105	94052	19.541	ug/l	99
74) N-amyl acetate	10.842	43	47330	20.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	33743	19.957	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29400m	20.059	ug/l	
77) Bromobenzene	11.195	156	21849	19.647	ug/l	99
78) n-propylbenzene	11.299	91	108261	19.528	ug/l	99
79) 2-Chlorotoluene	11.360	91	69433	19.591	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	79013	19.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8023	18.578	ug/l	95
82) 4-Chlorotoluene	11.451	91	78185	19.786	ug/l	99
83) tert-Butylbenzene	11.713	119	79674	20.220	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	81394	20.376	ug/l	100
85) sec-Butylbenzene	11.890	105	100014	20.665	ug/l	100
86) p-Isopropyltoluene	12.006	119	81422	20.406	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40127	19.822	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	39809	19.398	ug/l	95
89) n-Butylbenzene	12.329	91	70931	20.500	ug/l	99
90) Hexachloroethane	12.536	117	14002	20.419	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	42462	21.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7830	22.143	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	23281	20.781	ug/l	98
94) Hexachlorobutadiene	13.725	225	10081	20.883	ug/l	97
95) Naphthalene	13.774	128	85123	20.418	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	24410	20.808	ug/l	100

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

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