

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045375.D
 Acq On : 21 Mar 2025 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 23:09:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2025
 Supervised By :Mahesh Dadoda 03/24/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	92791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	160605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79413	53.804	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.600%			
35) Dibromofluoromethane	5.373	113	59186	55.112	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.220%			
50) Toluene-d8	8.646	98	201541	51.765	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	11.079	95	70360	54.537	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61468	52.626	ug/l	97
3) Chloromethane	1.306	50	63471	44.404	ug/l	95
4) Vinyl Chloride	1.373	62	64036	45.160	ug/l	98
5) Bromomethane	1.593	94	27995	50.221	ug/l	99
6) Chloroethane	1.660	64	30390	46.464	ug/l	97
7) Trichlorofluoromethane	1.867	101	96873	51.606	ug/l	98
8) Diethyl Ether	2.135	74	33633	45.807	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.312	101	64252	59.577	ug/l	99
10) Methyl Iodide	2.440	142	73240	54.343	ug/l	95
11) Tert butyl alcohol	2.989	59	63537	227.264	ug/l	98
12) 1,1-Dichloroethene	2.306	96	58618	51.410	ug/l	98
13) Acrolein	2.233	56	74499	230.519	ug/l	98
14) Allyl chloride	2.654	41	111653	55.012	ug/l	95
15) Acrylonitrile	3.062	53	200371	267.415	ug/l	100
16) Acetone	2.385	43	197839	288.897	ug/l	98
17) Carbon Disulfide	2.501	76	127332	41.928	ug/l	97
18) Methyl Acetate	2.702	43	115450	70.079	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	206541	53.992	ug/l	98
20) Methylene Chloride	2.782	84	68170	50.254	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	58005	51.494	ug/l	95
22) Diisopropyl ether	3.757	45	224386	54.361	ug/l	92
23) Vinyl Acetate	3.714	43	937999	272.307	ug/l	99
24) 1,1-Dichloroethane	3.598	63	123590	53.425	ug/l	100
25) 2-Butanone	4.556	43	282964	274.508	ug/l	97
26) 2,2-Dichloropropane	4.464	77	88812	81.849	ug/l	94
27) cis-1,2-Dichloroethene	4.476	96	74124	53.306	ug/l	93
28) Bromochloromethane	4.885	49	57779	52.401	ug/l	97
29) Tetrahydrofuran	5.001	42	176019	254.275	ug/l	99
30) Chloroform	5.080	83	126577	55.068	ug/l	98
31) Cyclohexane	5.458	56	102713	51.149	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	103105	55.539	ug/l	97
36) 1,1-Dichloropropene	5.683	75	79271	53.824	ug/l	99
37) Ethyl Acetate	4.708	43	102184	53.844	ug/l	100
38) Carbon Tetrachloride	5.665	117	87195	58.316	ug/l	99
39) Methylcyclohexane	7.372	83	100526	56.964	ug/l	98
40) Benzene	6.025	78	251470	54.071	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	60824	59.274	ug/l	99
42) 1,2-Dichloroethane	6.080	62	99960	59.688	ug/l	98
43) Isopropyl Acetate	6.336	43	158796	56.586	ug/l	99
44) Trichloroethene	7.116	130	58470	53.543	ug/l	99
45) 1,2-Dichloropropane	7.421	63	64849	54.233	ug/l	97
46) Dibromomethane	7.573	93	49192	58.204	ug/l	97
47) Bromodichloromethane	7.817	83	98390	59.351	ug/l	99
48) Methyl methacrylate	7.689	41	83186	59.086	ug/l	94
49) 1,4-Dioxane	7.659	88	27870	938.459	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	535400	284.145	ug/l	99
52) Toluene	8.713	92	151414	55.490	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86916	62.714	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	98708	61.078	ug/l	92
55) 1,1,2-Trichloroethane	9.146	97	61375	54.637	ug/l	98
56) Ethyl methacrylate	9.116	69	96944	56.775	ug/l	93
57) 1,3-Dichloropropane	9.305	76	106911	54.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	241784	290.277	ug/l	98
59) 2-Hexanone	9.427	43	394789	289.177	ug/l	98
60) Dibromochloromethane	9.518	129	69357	59.051	ug/l	99
61) 1,2-Dibromoethane	9.604	107	62209	55.474	ug/l	99
64) Tetrachloroethene	9.268	164	49823	56.573	ug/l	96
65) Chlorobenzene	10.073	112	163205	56.091	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	56003	57.796	ug/l	97
67) Ethyl Benzene	10.189	91	290458	57.291	ug/l	98
68) m/p-Xylenes	10.299	106	212125	114.295	ug/l	97
69) o-Xylene	10.640	106	103100	55.079	ug/l	96
70) Styrene	10.652	104	174503	57.615	ug/l	98
71) Bromoform	10.798	173	43497	59.529	ug/l #	99
73) Isopropylbenzene	10.957	105	277512	56.299	ug/l	99
74) N-amyl acetate	10.841	43	130246	56.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	95947	53.043	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	80568m	54.812	ug/l	
77) Bromobenzene	11.195	156	62556	53.787	ug/l	96
78) n-propylbenzene	11.298	91	325584	58.471	ug/l	99
79) 2-Chlorotoluene	11.359	91	191329	53.953	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	225866	56.669	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	26280	61.185	ug/l	93
82) 4-Chlorotoluene	11.451	91	217941	56.390	ug/l	99
83) tert-Butylbenzene	11.713	119	225635	55.097	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	226630	56.511	ug/l	99
85) sec-Butylbenzene	11.890	105	290816	59.284	ug/l	99
86) p-Isopropyltoluene	12.006	119	235736	59.464	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113122	54.523	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113332	53.992	ug/l	98
89) n-Butylbenzene	12.329	91	216299	63.349	ug/l	99
90) Hexachloroethane	12.536	117	42009	58.585	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	113769	54.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20643	58.578	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	69410	58.569	ug/l	98
94) Hexachlorobutadiene	13.725	225	30098	61.947	ug/l	99
95) Naphthalene	13.774	128	257595	56.574	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	73755	58.994	ug/l	97

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

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