

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045283.D
 Acq On : 13 Mar 2025 20:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 12:30:44 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 : John Carlone 03/14/2025
 Supervised By : Mahesh Dadoda 03/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65233	52.306	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.620%			
35) Dibromofluoromethane	5.385	113	48417	51.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	8.647	98	167073	48.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	60679	53.590	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50504	51.173	ug/l	97
3) Chloromethane	1.307	50	63240	52.360	ug/l	99
4) Vinyl Chloride	1.374	62	55907	46.661	ug/l	97
5) Bromomethane	1.593	94	24345	51.687	ug/l	99
6) Chloroethane	1.660	64	29840	53.994	ug/l	97
7) Trichlorofluoromethane	1.867	101	81018	51.079	ug/l	99
8) Diethyl Ether	2.130	74	29900	48.195	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	51125	56.104	ug/l	98
10) Methyl Iodide	2.441	142	65409	57.437	ug/l	96
11) Tert butyl alcohol	2.983	59	51712	218.906	ug/l	99
12) 1,1-Dichloroethene	2.306	96	49579	51.461	ug/l	92
13) Acrolein	2.233	56	81067	296.868	ug/l	99
14) Allyl chloride	2.654	41	94474	55.089	ug/l	97
15) Acrylonitrile	3.062	53	174965	276.353	ug/l	99
16) Acetone	2.386	43	154659	267.281	ug/l	99
17) Carbon Disulfide	2.501	76	110090	42.902	ug/l	97
18) Methyl Acetate	2.703	43	89637	64.394	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	174146	53.877	ug/l	99
20) Methylene Chloride	2.782	84	60134	52.463	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	50278	52.824	ug/l	98
22) Diisopropyl ether	3.757	45	190943	54.746	ug/l #	85
23) Vinyl Acetate	3.721	43	806616	277.131	ug/l	99
24) 1,1-Dichloroethane	3.605	63	105449	53.947	ug/l	100
25) 2-Butanone	4.556	43	244623	280.855	ug/l	98
26) 2,2-Dichloropropane	4.471	77	59987	65.428	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	62579	53.261	ug/l	94
28) Bromochloromethane	4.891	49	47770	51.273	ug/l	99
29) Tetrahydrofuran	5.007	42	155811	266.382	ug/l	99
30) Chloroform	5.086	83	107504	55.352	ug/l	98
31) Cyclohexane	5.458	56	85484	50.380	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	85589	54.563	ug/l	97
36) 1,1-Dichloropropene	5.684	75	69025	53.401	ug/l	100
37) Ethyl Acetate	4.714	43	88828	53.332	ug/l	100
38) Carbon Tetrachloride	5.672	117	70158	53.462	ug/l	99
39) Methylcyclohexane	7.373	83	81984	52.933	ug/l	98
40) Benzene	6.031	78	219114	53.682	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53981	59.938	ug/l	99
42) 1,2-Dichloroethane	6.080	62	84656	57.596	ug/l	98
43) Isopropyl Acetate	6.342	43	138413	56.199	ug/l	99
44) Trichloroethene	7.123	130	50340	52.524	ug/l	97
45) 1,2-Dichloropropane	7.427	63	55930	53.295	ug/l	100
46) Dibromomethane	7.580	93	41881	56.462	ug/l	97
47) Bromodichloromethane	7.818	83	83222	57.200	ug/l	99
48) Methyl methacrylate	7.690	41	72075	58.331	ug/l	96
49) 1,4-Dioxane	7.659	88	27475	1054.131	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	496755	300.388	ug/l	100
52) Toluene	8.714	92	131767	55.022	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	69530	57.163	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	79901	56.333	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	54980	55.767	ug/l	100
56) Ethyl methacrylate	9.116	69	88248	58.887	ug/l	96
57) 1,3-Dichloropropane	9.305	76	95439	55.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	215042	294.162	ug/l	100
59) 2-Hexanone	9.427	43	366447	305.836	ug/l	99
60) Dibromochloromethane	9.518	129	59204	57.433	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55049	55.933	ug/l	98
64) Tetrachloroethene	9.269	164	42248	52.441	ug/l	97
65) Chlorobenzene	10.079	112	142375	53.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	48534	54.755	ug/l	97
67) Ethyl Benzene	10.189	91	253416	54.641	ug/l	99
68) m/p-Xylenes	10.299	106	185589	109.313	ug/l	97
69) o-Xylene	10.640	106	91772	53.595	ug/l	97
70) Styrene	10.652	104	159983	57.742	ug/l	99
71) Bromoform	10.799	173	38366	57.398	ug/l #	99
73) Isopropylbenzene	10.963	105	243836	52.919	ug/l	98
74) N-amyl acetate	10.841	43	121472	56.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	88973	52.620	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71668m	52.160	ug/l	
77) Bromobenzene	11.195	156	56307	51.793	ug/l	96
78) n-propylbenzene	11.305	91	283376	54.443	ug/l	99
79) 2-Chlorotoluene	11.360	91	172442	52.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	202034	54.228	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21002	52.309	ug/l	88
82) 4-Chlorotoluene	11.451	91	199582	55.244	ug/l	99
83) tert-Butylbenzene	11.713	119	203383	53.130	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	206545	55.097	ug/l	100
85) sec-Butylbenzene	11.890	105	253038	55.182	ug/l	99
86) p-Isopropyltoluene	12.006	119	209335	56.490	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103891	53.568	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	103661	52.831	ug/l	99
89) n-Butylbenzene	12.329	91	184773	57.893	ug/l	100
90) Hexachloroethane	12.536	117	36127	53.899	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	104122	53.519	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19045	57.816	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	59313	53.542	ug/l	98
94) Hexachlorobutadiene	13.725	225	24229	53.348	ug/l	99
95) Naphthalene	13.774	128	229675	53.962	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62234	53.253	ug/l	97

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

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