Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
Data File : VX045472.D
Acq On : 27 Mar 2025 12:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 28 01:33:58 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone
03/28/2025
Supervised By :Mahesh Dadoda
03/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	91459	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.751	114	157967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87253	59.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.960%			
35) Dibromofluoromethane	5.379	113	62229	58.913	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.820%			
50) Toluene-d8	8.641	98	208193	54.367	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.740%			
62) 4-Bromofluorobenzene	11.079	95	82567	65.067	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 130.140%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	72213	62.726	ug/l	94
3) Chloromethane	1.307	50	72669	51.579	ug/l	98
4) Vinyl Chloride	1.374	62	65798	47.078	ug/l	97
5) Bromomethane	1.593	94	30502	55.516	ug/l	99
6) Chloroethane	1.666	64	35851	55.611	ug/l	98
7) Trichlorofluoromethane	1.873	101	100796	54.478	ug/l	99
8) Diethyl Ether	2.130	74	33008	45.611	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	64481	60.660	ug/l	98
10) Methyl Iodide	2.447	142	73145	55.063	ug/l	92
11) Tert butyl alcohol	2.971	59	55548	201.582	ug/l	98
12) 1,1-Dichloroethene	2.312	96	59470	52.917	ug/l	96
13) Acrolein	2.233	56	87902	275.953	ug/l	99
14) Allyl chloride	2.654	41	110483	55.228	ug/l	92
15) Acrylonitrile	3.062	53	186736	252.847	ug/l	98
16) Acetone	2.380	43	249902	370.237	ug/l	95
17) Carbon Disulfide	2.501	76	147340	49.223	ug/l	99
18) Methyl Acetate	2.703	43	78674	48.451	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	199437	52.895	ug/l	100
20) Methylene Chloride	2.782	84	67893	50.778	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	58000	52.239	ug/l	97
22) Diisopropyl ether	3.757	45	214599	52.747	ug/l	91
23) Vinyl Acetate	3.715	43	960809	282.991	ug/l	99
24) 1,1-Dichloroethane	3.605	63	120085	52.666	ug/l	99
25) 2-Butanone	4.550	43	293906	289.275	ug/l	98
26) 2,2-Dichloropropane	4.464	77	89481	83.667	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	70436	51.391	ug/l	91
28) Bromochloromethane	4.891	49	59560	54.803	ug/l	100
29) Tetrahydrofuran	5.001	42	164646	241.310	ug/l	100
30) Chloroform	5.080	83	122442	54.045	ug/l	99
31) Cyclohexane	5.458	56	106040	53.575	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	104195	56.944	ug/l	98
36) 1,1-Dichloropropene	5.684	75	79239	54.701	ug/l	99
37) Ethyl Acetate	4.708	43	101395	54.321	ug/l	98
38) Carbon Tetrachloride	5.672	117	88920	60.462	ug/l	95
39) Methylcyclohexane	7.372	83	104520	60.216	ug/l	98
40) Benzene	6.031	78	242703	53.058	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.910	41	57201	56.674 ug/l		97
42) 1,2-Dichloroethane	6.080	62	99628	60.483 ug/l		96
43) Isopropyl Acetate	6.336	43	156238	56.605 ug/l		99
44) Trichloroethene	7.116	130	57287	53.335 ug/l		96
45) 1,2-Dichloropropane	7.421	63	62443	53.093 ug/l		99
46) Dibromomethane	7.574	93	47622	57.287 ug/l		95
47) Bromodichloromethane	7.818	83	94074	57.695 ug/l		98
48) Methyl methacrylate	7.690	41	81035	58.520 ug/l		94
49) 1,4-Dioxane	7.653	88	27310	934.960 ug/l		93
51) 4-Methyl-2-Pentanone	8.567	43	531480	286.775 ug/l		99
52) Toluene	8.714	92	146101	54.437 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	85364	62.623 ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	95595	60.140 ug/l	#	90
55) 1,1,2-Trichloroethane	9.147	97	58359	52.820 ug/l		97
56) Ethyl methacrylate	9.116	69	98905	58.890 ug/l		93
57) 1,3-Dichloropropane	9.305	76	103612	54.189 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	239216	291.990 ug/l		99
59) 2-Hexanone	9.427	43	408982	304.576 ug/l		98
60) Dibromochloromethane	9.518	129	67537	58.461 ug/l		99
61) 1,2-Dibromoethane	9.604	107	60518	54.867 ug/l		99
64) Tetrachloroethene	9.268	164	49945	56.138 ug/l		98
65) Chlorobenzene	10.073	112	158102	53.787 ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	53969	55.133 ug/l		98
67) Ethyl Benzene	10.189	91	288771	56.382 ug/l		98
68) m/p-Xylenes	10.299	106	211551	112.832 ug/l		96
69) o-Xylene	10.640	106	103937	54.964 ug/l		96
70) Styrene	10.652	104	176733	57.761 ug/l		97
71) Bromoform	10.799	173	44303	60.018 ug/l	#	98
73) Isopropylbenzene	10.957	105	276433	53.339 ug/l		98
74) N-amyl acetate	10.841	43	136756	56.236 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	94568	49.725 ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	80662m	52.194 ug/l		
77) Bromobenzene	11.195	156	62977	51.503 ug/l		95
78) n-propylbenzene	11.299	91	325683	55.630 ug/l		99
79) 2-Chlorotoluene	11.360	91	199623	53.541 ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	235096	56.102 ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	25548	56.574 ug/l		87
82) 4-Chlorotoluene	11.451	91	229900	56.577 ug/l		98
83) tert-Butylbenzene	11.713	119	229818	53.376 ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	234830	55.694 ug/l		99
85) sec-Butylbenzene	11.890	105	294370	57.075 ug/l		99
86) p-Isopropyltoluene	12.006	119	242586	58.201 ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	116535	53.423 ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	115217	52.207 ug/l		98
89) n-Butylbenzene	12.329	91	223619	62.292 ug/l		99
90) Hexachloroethane	12.536	117	42446	56.302 ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	113380	51.814 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20642	55.713 ug/l		91
93) 1,2,4-Trichlorobenzene	13.585	180	66077	53.032 ug/l		97
94) Hexachlorobutadiene	13.725	225	28500	55.791 ug/l		99
95) Naphthalene	13.774	128	242907	50.741 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	68344	51.994 ug/l		99

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

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