Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
Data File : VX038835.D
Acq On : 16 Nov 2023 12:06
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 16 22:44:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 15:22:11 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	167415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	314222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145726	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	375648	139.251	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 278.500%#			
35) Dibromofluoromethane	5.385	113	317150	139.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 279.500%#			
50) Toluene-d8	8.653	98	1188459	136.875	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 273.760%#			
62) 4-Bromofluorobenzene	11.079	95	485237	139.605	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 279.220%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	296328	151.697	ug/l	98
3) Chloromethane	1.294	50	357729	140.307	ug/l	99
4) Vinyl Chloride	1.374	62	351742	143.219	ug/l	99
5) Bromomethane	1.593	94	129968	127.992	ug/l	99
6) Chloroethane	1.666	64	195130	139.222	ug/l	99
7) Trichlorofluoromethane	1.874	101	437925	140.517	ug/l	100
8) Diethyl Ether	2.130	74	185571	136.711	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	282934	136.895	ug/l	97
10) Methyl Iodide	2.447	142	357297	142.035	ug/l	89
11) Tert butyl alcohol	2.989	59	518382	690.904	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	294505	141.139	ug/l	89
13) Acrolein	2.233	56	283666	714.607	ug/l	99
14) Allyl chloride	2.660	41	596057	142.675	ug/l	89
15) Acrylonitrile	3.062	53	1130535	713.103	ug/l	99
16) Acetone	2.380	43	941520	655.628	ug/l #	86
17) Carbon Disulfide	2.508	76	870546	134.687	ug/l	99
18) Methyl Acetate	2.703	43	994786	145.839	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	1052896	143.464	ug/l	96
20) Methylene Chloride	2.788	84	349075	134.845	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	319559	138.796	ug/l	94
22) Diisopropyl ether	3.757	45	1116790	145.717	ug/l	90
23) Vinyl Acetate	3.721	43	3935276	712.949	ug/l	98
24) 1,1-Dichloroethane	3.605	63	615783	143.678	ug/l	100
25) 2-Butanone	4.556	43	1608780	690.831	ug/l	94
26) 2,2-Dichloropropane	4.471	77	508698	136.833	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	377076	140.505	ug/l	95
28) Bromochloromethane	4.897	49	308780	150.059	ug/l	97
29) Tetrahydrofuran	5.001	42	1061664	718.004	ug/l	97
30) Chloroform	5.093	83	586621	140.172	ug/l	98
31) Cyclohexane	5.464	56	538065	139.701	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	504281	139.116	ug/l	99
36) 1,1-Dichloropropene	5.690	75	445747	137.045	ug/l	98
37) Ethyl Acetate	4.715	43	596654	140.801	ug/l	97
38) Carbon Tetrachloride	5.678	117	425084	141.407	ug/l	98
39) Methylcyclohexane	7.379	83	573068	135.074	ug/l	96
40) Benzene	6.038	78	1356440	141.001	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :John Carlone 11/17/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	318390	144.867	ug/l		92
42) 1,2-Dichloroethane	6.086	62	450086	141.213	ug/l		96
43) Isopropyl Acetate	6.336	43	971565	143.462	ug/l		96
44) Trichloroethene	7.123	130	330797	141.269	ug/l		96
45) 1,2-Dichloropropane	7.428	63	371432	143.474	ug/l		98
46) Dibromomethane	7.580	93	247986	143.641	ug/l		98
47) Bromodichloromethane	7.818	83	476655	139.106	ug/l		98
48) Methyl methacrylate	7.690	41	452617	137.747	ug/l		90
49) 1,4-Dioxane	7.665	88	180943	2846.411	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.580	43	3076541	710.869	ug/l		97
52) Toluene	8.720	92	828476	138.779	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	580493	142.556	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	602771	143.306	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	351250	141.013	ug/l		93
56) Ethyl methacrylate	9.116	69	625336	148.376	ug/l		93
57) 1,3-Dichloropropane	9.311	76	581759	141.218	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	1539910	784.344	ug/l		95
59) 2-Hexanone	9.433	43	2455484	707.856	ug/l		95
60) Dibromochloromethane	9.525	129	366901	144.863	ug/l		100
61) 1,2-Dibromoethane	9.610	107	373957	143.070	ug/l		100
64) Tetrachloroethene	9.275	164	243196	134.315	ug/l		97
65) Chlorobenzene	10.079	112	868143	138.353	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	317637	140.724	ug/l		97
67) Ethyl Benzene	10.195	91	1598442	138.651	ug/l		99
68) m/p-Xylenes	10.299	106	1201904	275.606	ug/l		98
69) o-Xylene	10.640	106	606356	140.518	ug/l		98
70) Styrene	10.659	104	1036547	142.234	ug/l		98
71) Bromoform	10.799	173	279154	148.354	ug/l	#	100
73) Isopropylbenzene	10.963	105	1541731	135.786	ug/l		98
74) N-amyl acetate	10.842	43	884882	147.431	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	617365	139.289	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	505087m	142.630	ug/l		
77) Bromobenzene	11.195	156	353306	138.484	ug/l		95
78) n-propylbenzene	11.305	91	1919769	137.364	ug/l		99
79) 2-Chlorotoluene	11.366	91	1137648	137.164	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	1320304	138.299	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	244569	149.203	ug/l	#	78
82) 4-Chlorotoluene	11.457	91	1314341	137.434	ug/l		100
83) tert-Butylbenzene	11.713	119	1306173	138.922	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	1350471	139.759	ug/l		98
85) sec-Butylbenzene	11.890	105	1698730	138.125	ug/l		99
86) p-Isopropyltoluene	12.006	119	1365519	138.314	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	694652	139.044	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	699143	136.731	ug/l		99
89) n-Butylbenzene	12.335	91	1395560	140.105	ug/l		98
90) Hexachloroethane	12.536	117	285349	144.734	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	647041	136.550	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	153202	141.081	ug/l		91
93) 1,2,4-Trichlorobenzene	13.585	180	435646	137.197	ug/l		98
94) Hexachlorobutadiene	13.725	225	155335	138.140	ug/l		99
95) Naphthalene	13.774	128	1667298	140.984	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	427097	141.889	ug/l		99

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

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

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