Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074229.D
Acq On : 01 Sep 2022 09:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 01 16:13:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.010	168	202910	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.898	114	358344	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.680	117	346245	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	167938	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.369	65	167756	53.296	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.600%				
35) Dibromofluoromethane	7.945	113	125153	53.672	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.340%				
50) Toluene-d8	10.374	98	511140	55.662	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.320%				
62) 4-Bromofluorobenzene	12.668	95	168746	60.426	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.860%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.046	85	104449	49.748	ug/l		97
3) Chloromethane	2.269	50	176740	59.765	ug/l		99
4) Vinyl Chloride	2.404	62	163570	55.663	ug/l		97
5) Bromomethane	2.787	94	92478	57.561	ug/l		96
6) Chloroethane	2.957	64	116036	60.366	ug/l		97
7) Trichlorofluoromethane	3.316	101	200299	44.588	ug/l		99
8) Diethyl Ether	3.757	74	90118	47.171	ug/l		71
9) 1,1,2-Trichlorotrifluo...	4.140	101	122909	47.909	ug/l		91
10) Methyl Iodide	4.351	142	119696	57.805	ug/l		91
11) Tert butyl alcohol	5.275	59	155902	219.440	ug/l		99
12) 1,1-Dichloroethene	4.110	96	114255	48.026	ug/l		92
13) Acrolein	3.975	56	173751	249.711	ug/l		96
14) Allyl chloride	4.757	41	282570	53.263	ug/l	#	93
15) Acrylonitrile	5.469	53	565012	248.471	ug/l		98
16) Acetone	4.210	43	476457	226.530	ug/l		97
17) Carbon Disulfide	4.457	76	330819	48.861	ug/l		99
18) Methyl Acetate	4.769	43	278184	52.323	ug/l	#	87
19) Methyl tert-butyl Ether	5.528	73	464885	52.828	ug/l		98
20) Methylene Chloride	5.004	84	143850	51.015	ug/l	#	76
21) trans-1,2-Dichloroethene	5.510	96	131917	48.043	ug/l		97
22) Diisopropyl ether	6.404	45	601951	55.691	ug/l	#	91
23) Vinyl Acetate	6.345	43	2667905	292.344	ug/l	#	91
24) 1,1-Dichloroethane	6.298	63	281557	52.802	ug/l		99
25) 2-Butanone	7.251	43	835497	248.316	ug/l	#	84
26) 2,2-Dichloropropane	7.245	77	213536	62.036	ug/l		98
27) cis-1,2-Dichloroethene	7.251	96	156616	51.066	ug/l		88
28) Bromochloromethane	7.580	49	106904	60.387	ug/l	#	69
29) Tetrahydrofuran	7.604	42	568820	265.456	ug/l	#	83
30) Chloroform	7.739	83	277337	51.021	ug/l		99
31) Cyclohexane	8.022	56	282336	54.288	ug/l	#	82
32) 1,1,1-Trichloroethane	7.939	97	225430	53.925	ug/l		95
36) 1,1-Dichloropropene	8.145	75	211211	55.825	ug/l		95
37) Ethyl Acetate	7.333	43	331365	52.371	ug/l	#	92
38) Carbon Tetrachloride	8.133	117	184121	53.431	ug/l		97
39) Methylcyclohexane	9.392	83	258842	58.280	ug/l		92
40) Benzene	8.386	78	653473	55.008	ug/l		99

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Quant Title : SW846 8260
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.557	41	142009	48.622	ug/l		93
42) 1,2-Dichloroethane	8.463	62	224025	52.991	ug/l		99
43) Isopropyl Acetate	8.492	43	478106	56.208	ug/l	#	90
44) Trichloroethene	9.145	130	137100	51.646	ug/l		86
45) 1,2-Dichloropropane	9.422	63	177597	55.370	ug/l		98
46) Dibromomethane	9.516	93	110951	51.794	ug/l	#	85
47) Bromodichloromethane	9.698	83	217522	51.817	ug/l		97
48) Methyl methacrylate	9.492	41	230144	56.960	ug/l	#	86
49) 1,4-Dioxane	9.504	88	74718	857.154	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.269	43	1692937	274.238	ug/l		89
52) Toluene	10.445	92	402807	57.526	ug/l		97
53) t-1,3-Dichloropropene	10.657	75	242766	60.993	ug/l		97
54) cis-1,3-Dichloropropene	10.127	75	259095	58.144	ug/l	#	89
55) 1,1,2-Trichloroethane	10.833	97	164374	54.270	ug/l		96
56) Ethyl methacrylate	10.698	69	274947	59.890	ug/l	#	76
57) 1,3-Dichloropropane	10.980	76	287615	54.640	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.980	63	641787	276.351	ug/l	#	88
59) 2-Hexanone	11.021	43	1288813	275.107	ug/l		88
60) Dibromochloromethane	11.174	129	158370	55.824	ug/l		98
61) 1,2-Dibromoethane	11.280	107	161008	55.632	ug/l		99
64) Tetrachloroethene	10.910	164	122389	48.800	ug/l		94
65) Chlorobenzene	11.710	112	402244	51.627	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.780	131	140799	50.843	ug/l		98
67) Ethyl Benzene	11.780	91	785419	56.173	ug/l		96
68) m/p-Xylenes	11.892	106	592565	114.083	ug/l		96
69) o-Xylene	12.215	106	286688	55.393	ug/l		96
70) Styrene	12.233	104	487572	59.131	ug/l		99
71) Bromoform	12.392	173	114113	48.648	ug/l	#	100
73) Isopropylbenzene	12.515	105	759413	52.802	ug/l		97
74) N-amyl acetate	12.327	43	423412	52.035	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.762	83	273275	45.817	ug/l		99
76) 1,2,3-Trichloropropane	12.815	75	217956m	54.631	ug/l		
77) Bromobenzene	12.798	156	164000	48.748	ug/l		82
78) n-propylbenzene	12.857	91	947979	57.825	ug/l		95
79) 2-Chlorotoluene	12.945	91	537093	53.486	ug/l		96
80) 1,3,5-Trimethylbenzene	12.998	105	632694	54.092	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.568	75	88632	54.781	ug/l		93
82) 4-Chlorotoluene	13.039	91	531991	54.752	ug/l		98
83) tert-Butylbenzene	13.262	119	543930	54.364	ug/l		95
84) 1,2,4-Trimethylbenzene	13.304	105	633534	56.121	ug/l		99
85) sec-Butylbenzene	13.439	105	823779	58.694	ug/l		96
86) p-Isopropyltoluene	13.551	119	646120	59.163	ug/l		97
87) 1,3-Dichlorobenzene	13.551	146	313063	52.202	ug/l		99
88) 1,4-Dichlorobenzene	13.627	146	316275	50.977	ug/l		99
89) n-Butylbenzene	13.880	91	592981	62.344	ug/l		97
90) Hexachloroethane	14.145	117	113717	50.507	ug/l		81
91) 1,2-Dichlorobenzene	13.921	146	317376	50.204	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	55782	46.792	ug/l		83
93) 1,2,4-Trichlorobenzene	15.192	180	168412	54.462	ug/l		98
94) Hexachlorobutadiene	15.298	225	75757	49.818	ug/l		95
95) Naphthalene	15.433	128	615304	48.324	ug/l		100
96) 1,2,3-Trichlorobenzene	15.621	180	168786	52.690	ug/l		98

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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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