Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
Data File : VN074476.D
Acq On : 15 Sep 2022 21:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 16 01:47:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	344827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	630667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	585629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	260709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	294552	50.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.680%			
35) Dibromofluoromethane	7.951	113	224797	53.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.320%			
50) Toluene-d8	10.380	98	867199	53.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.674	95	302783	54.564	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	147958	39.425	ug/l	100
3) Chloromethane	2.263	50	296344	46.962	ug/l	100
4) Vinyl Chloride	2.404	62	318013	47.077	ug/l	97
5) Bromomethane	2.781	94	195852	54.977	ug/l	98
6) Chloroethane	2.951	64	242142	52.477	ug/l	95
7) Trichlorofluoromethane	3.310	101	306509	41.088	ug/l	95
8) Diethyl Ether	3.763	74	160601	42.217	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.134	101	192425	41.695	ug/l	90
10) Methyl Iodide	4.345	142	246859	45.342	ug/l	97
11) Tert butyl alcohol	5.281	59	405126	212.561	ug/l	99
12) 1,1-Dichloroethene	4.104	96	194831	42.958	ug/l	94
13) Acrolein	3.975	56	179601	258.039	ug/l	96
14) Allyl chloride	4.757	41	477709	44.052	ug/l #	93
15) Acrylonitrile	5.469	53	1000402	233.636	ug/l	99
16) Acetone	4.216	43	837605	223.723	ug/l	99
17) Carbon Disulfide	4.451	76	508460	40.829	ug/l	98
18) Methyl Acetate	4.769	43	517608	44.512	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	859567	44.908	ug/l	99
20) Methylene Chloride	5.010	84	259085	45.330	ug/l #	84
21) trans-1,2-Dichloroethene	5.504	96	222277	44.606	ug/l	94
22) Diisopropyl ether	6.404	45	1024809	47.062	ug/l #	91
23) Vinyl Acetate	6.345	43	4636231	241.391	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	477489	43.867	ug/l	96
25) 2-Butanone	7.257	43	1471780	236.770	ug/l	90
26) 2,2-Dichloropropane	7.245	77	345444	36.811	ug/l	99
27) cis-1,2-Dichloroethene	7.239	96	270520	42.368	ug/l	91
28) Bromochloromethane	7.580	49	141258	44.065	ug/l #	69
29) Tetrahydrofuran	7.604	42	990288	242.302	ug/l #	85
30) Chloroform	7.739	83	462132	45.999	ug/l	97
31) Cyclohexane	8.022	56	445539	42.902	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	374659	42.520	ug/l	94
36) 1,1-Dichloropropene	8.157	75	324648	43.780	ug/l	97
37) Ethyl Acetate	7.333	43	563950	49.245	ug/l #	94
38) Carbon Tetrachloride	8.133	117	309522	45.209	ug/l	99
39) Methylcyclohexane	9.392	83	407390	46.202	ug/l	90
40) Benzene	8.386	78	1092715	47.654	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.557	41	260778	47.101	ug/l		91
42) 1,2-Dichloroethane	8.463	62	375175	47.678	ug/l		97
43) Isopropyl Acetate	8.492	43	888596	49.537	ug/l	#	91
44) Trichloroethene	9.151	130	215371	43.406	ug/l		84
45) 1,2-Dichloropropane	9.427	63	299007	47.447	ug/l		97
46) Dibromomethane	9.516	93	182492	46.237	ug/l	#	84
47) Bromodichloromethane	9.704	83	361667	46.739	ug/l		100
48) Methyl methacrylate	9.498	41	383584	48.226	ug/l		86
49) 1,4-Dioxane	9.510	88	153129	1001.371	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.269	43	3033485	258.964	ug/l		90
52) Toluene	10.445	92	648827	48.253	ug/l		96
53) t-1,3-Dichloropropene	10.663	75	428307	47.492	ug/l		100
54) cis-1,3-Dichloropropene	10.127	75	445534	46.164	ug/l	#	88
55) 1,1,2-Trichloroethane	10.839	97	265723	46.654	ug/l		93
56) Ethyl methacrylate	10.704	69	509464	50.075	ug/l	#	80
57) 1,3-Dichloropropane	10.986	76	480292	48.096	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.980	63	1116797	249.423	ug/l	#	88
59) 2-Hexanone	11.027	43	2365139	264.490	ug/l		88
60) Dibromochloromethane	11.180	129	264353	48.483	ug/l		100
61) 1,2-Dibromoethane	11.286	107	271060	48.988	ug/l		100
64) Tetrachloroethene	10.916	164	163506	40.683	ug/l		92
65) Chlorobenzene	11.710	112	662899	45.089	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.786	131	239121	44.766	ug/l		98
67) Ethyl Benzene	11.786	91	1270585	47.072	ug/l		98
68) m/p-Xylenes	11.898	106	936223	93.811	ug/l		94
69) o-Xylene	12.221	106	480599	47.231	ug/l		95
70) Styrene	12.239	104	792704	46.833	ug/l		98
71) Bromoform	12.398	173	187273	47.701	ug/l	#	100
73) Isopropylbenzene	12.521	105	1228858	46.034	ug/l		98
74) N-amyl acetate	12.333	43	814959	48.827	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.768	83	480207	44.889	ug/l		99
76) 1,2,3-Trichloropropane	12.821	75	366693m	45.695	ug/l		
77) Bromobenzene	12.804	156	250515	43.931	ug/l		71
78) n-propylbenzene	12.863	91	1485674	46.729	ug/l		95
79) 2-Chlorotoluene	12.951	91	862940	45.467	ug/l		96
80) 1,3,5-Trimethylbenzene	13.004	105	1022578	46.992	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.568	75	169541	45.599	ug/l		97
82) 4-Chlorotoluene	13.045	91	836936	46.393	ug/l		97
83) tert-Butylbenzene	13.262	119	892141	45.047	ug/l		96
84) 1,2,4-Trimethylbenzene	13.310	105	1007495	46.006	ug/l		98
85) sec-Butylbenzene	13.445	105	1288789	47.394	ug/l		96
86) p-Isopropyltoluene	13.557	119	1010300	47.656	ug/l		97
87) 1,3-Dichlorobenzene	13.557	146	478452	45.659	ug/l		98
88) 1,4-Dichlorobenzene	13.639	146	465657	44.215	ug/l		97
89) n-Butylbenzene	13.886	91	918113	48.048	ug/l		95
90) Hexachloroethane	14.151	117	213056	46.190	ug/l		75
91) 1,2-Dichlorobenzene	13.927	146	488607	44.945	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	104904	44.410	ug/l		79
93) 1,2,4-Trichlorobenzene	15.198	180	230944	44.591	ug/l		98
94) Hexachlorobutadiene	15.304	225	96300	42.307	ug/l		99
95) Naphthalene	15.439	128	985050	44.328	ug/l		100
96) 1,2,3-Trichlorobenzene	15.633	180	232641	43.525	ug/l		97

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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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