Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002387.D
Acq On : 10 Jun 2020 22:15
Operator : CG/JU
Sample : L1161-08
Misc : LOO--W-10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2020

Manual Integrations APPROVED
mohammad
6/11/2020 1:49:46 PM

Quant Time: Jun 11 05:22:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	157377	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	630796	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	391565	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	835317	20.00	ng		0.00
76) Chrysene-d12	21.10	240	757471	20.00	ng		-0.01
86) Perylene-d12	23.29	264	844317	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1399049	164.50	ng		0.00
7) Phenol-d6	6.78	99	1868512	165.01	ng		0.00
23) Nitrobenzene-d5	8.73	82	1284635	121.62	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	659680	175.96	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2597557	111.54	ng		0.00
79) Terphenyl-d14	19.59	244	3459995	119.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	44166	11.273	ng		99
3) Pyridine	3.55	79	103368	9.708	ng		97
4) n-Nitrosodimethylamine	3.46	42	43033	9.807	ng	#	98
6) Aniline	6.92	93	162611	10.559	ng		99
8) 2-Chlorophenol	7.16	128	98741	10.325	ng		93
9) Benzaldehyde	6.73	77	94937	16.410	ng		98
10) Phenol	6.80	94	129853	10.573	ng		96
11) bis(2-Chloroethyl)ether	7.03	93	104892	10.230	ng		97
12) 1,3-Dichlorobenzene	7.48	146	109242	9.920	ng		97
13) 1,4-Dichlorobenzene	7.63	146	112409	10.146	ng		99
14) 1,2-Dichlorobenzene	7.94	146	107175	10.099	ng		100
15) Benzyl Alcohol	7.83	79	83607	9.526	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	146629	10.078	ng		99
17) 2-Methylphenol	8.04	107	84429	9.408	ng		95
18) Hexachloroethane	8.66	117	40956	10.147	ng		90
19) n-Nitroso-di-n-propylamine	8.39	70	82386	10.885	ng		97
20) 3+4-Methylphenols	8.36	107	113046	9.334	ng		99
22) Acetophenone	8.40	105	166827	11.772	ng		99
24) Nitrobenzene	8.77	77	126614	11.151	ng		99
25) Isophorone	9.30	82	233013	10.831	ng		100
26) 2-Nitrophenol	9.49	139	49225	9.729	ng		99
27) 2,4-Dimethylphenol	9.56	122	80559	10.149	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	145074	11.322	ng		99
29) 2,4-Dichlorophenol	10.02	162	89606	10.029	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	101395	10.181	ng		97
31) Naphthalene	10.41	128	322510	11.005	ng		100
32) Benzoic acid	9.65	122	19987m	3.310	ng		
33) 4-Chloroaniline	10.52	127	131865	10.307	ng		99
34) Hexachlorobutadiene	10.72	225	56906	9.791	ng		99
35) Caprolactam	11.26	113	32601	10.345	ng		95
36) 4-Chloro-3-methylphenol	11.66	107	98808	10.221	ng		98
37) 2-Methylnaphthalene	12.03	142	232949	11.199	ng		99
38) 1-Methylnaphthalene	12.26	142	222534	11.398	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	118201	11.452	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	49092	8.946 ng	95
43) 2,4,6-Trichlorophenol	12.66	196	69803	9.556 ng	93
44) 2,4,5-Trichlorophenol	12.73	196	74448	8.801 ng	98
46) 1,1'-Biphenyl	13.06	154	309260	12.051 ng	99
47) 2-Chloronaphthalene	13.10	162	227047	10.816 ng	100
48) 2-Nitroaniline	13.30	65	61271	9.143 ng	92
49) Acenaphthylene	13.95	152	365266	10.902 ng	99
50) Dimethylphthalate	13.70	163	283401	10.563 ng	99
51) 2,6-Dinitrotoluene	13.81	165	58398	10.022 ng	97
52) Acenaphthene	14.30	154	220508	11.235 ng	100
53) 3-Nitroaniline	14.14	138	58896	8.852 ng	98
54) 2,4-Dinitrophenol	14.35	184	19551	6.118 ng	96
55) Dibenzofuran	14.64	168	356925	11.295 ng	100
56) 4-Nitrophenol	14.46	139	43318	8.200 ng	99
57) 2,4-Dinitrotoluene	14.60	165	73688	9.291 ng	93
58) Fluorene	15.29	166	277206	11.153 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	65764	9.794 ng	98
60) Diethylphthalate	15.08	149	280174	10.422 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	139005	11.537 ng	97
62) 4-Nitroaniline	15.30	138	59414	9.294 ng	97
63) Azobenzene	15.59	77	301549	11.269 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	36395	8.257 ng	89
66) n-Nitrosodiphenylamine	15.51	169	240539	11.272 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	81474	10.296 ng	100
68) Hexachlorobenzene	16.30	284	91874	10.941 ng	96
69) Atrazine	16.47	200	87810	12.614 ng	99
70) Pentachlorophenol	16.65	266	40977	8.157 ng	96
71) Phenanthrene	17.03	178	450670	11.534 ng	99
72) Anthracene	17.13	178	444427	11.449 ng	100
73) Carbazole	17.40	167	409822	10.732 ng	99
74) Di-n-butylphthalate	17.99	149	462125	10.226 ng	99
75) Fluoranthene	19.02	202	518235	11.111 ng	96
77) Benzidine	19.20	184	257951	15.240 ng	98
78) Pyrene	19.37	202	534802	11.527 ng	99
80) Butylbenzylphthalate	20.27	149	196380	9.521 ng	97
81) Benzo(a)anthracene	21.09	228	515040	11.912 ng	97
82) 3,3'-Dichlorobenzidine	21.02	252	188013	11.701 ng	95
83) Chrysene	21.13	228	495937	12.107 ng	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	323071	10.768 ng	95
85) Di-n-octyl phthalate	21.91	149	509327	9.679 ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	561740	10.637 ng	97
88) Benzo(b)fluoranthene	22.63	252	478360	10.506 ng	96
89) Benzo(k)fluoranthene	22.68	252	513853	11.878 ng	97
90) Benzo(a)pyrene	23.20	252	442192	10.363 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	469186	11.076 ng	97
92) Benzo(g,h,i)perylene	26.17	276	473505	10.793 ng	97

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

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