Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002734.D
Acq On : 13 Jul 2020 14:05
Operator : CG/JU
Sample : L3216-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Quant Time: Jul 13 14:59:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	156896	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	643820	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	407475	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	881494	20.00	ng		0.00
76) Chrysene-d12	21.07	240	906410	20.00	ng		0.00
86) Perylene-d12	23.26	264	907333	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	892220	95.95	ng		0.00
7) Phenol-d6	6.75	99	1271460	95.80	ng		0.00
23) Nitrobenzene-d5	8.70	82	897732	74.58	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	416338	97.88	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	1989279	75.52	ng		0.00
79) Terphenyl-d14	19.55	244	2413022	61.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	32492	8.014	ng		97
3) Pyridine	3.52	79	67397	5.578	ng		96
4) n-Nitrosodimethylamine	3.43	42	30274	6.651	ng	#	97
6) Aniline	6.89	93	118576	7.058	ng		98
8) 2-Chlorophenol	7.12	128	73772	7.130	ng		94
9) Benzaldehyde	6.70	77	67902	9.417	ng		97
10) Phenol	6.77	94	97034	7.137	ng		92
11) bis(2-Chloroethyl)ether	6.99	93	78196	6.915	ng		98
12) 1,3-Dichlorobenzene	7.45	146	83399	7.030	ng		98
13) 1,4-Dichlorobenzene	7.59	146	85208	7.157	ng		99
14) 1,2-Dichlorobenzene	7.90	146	81880	7.131	ng		100
15) Benzyl Alcohol	7.80	79	54360	6.121	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	112283	6.904	ng		99
17) 2-Methylphenol	8.02	107	60187	6.214	ng		97
18) Hexachloroethane	8.62	117	28825	6.835	ng		97
19) n-Nitroso-di-n-propylamine	8.36	70	56623	7.006	ng		99
20) 3+4-Methylphenols	8.35	107	78864	6.158	ng		94
22) Acetophenone	8.37	105	118199	7.447	ng	#	97
24) Nitrobenzene	8.74	77	91711	7.035	ng		98
25) Isophorone	9.26	82	154630	6.303	ng		99
26) 2-Nitrophenol	9.45	139	31727	5.635	ng		98
27) 2,4-Dimethylphenol	9.53	122	62807	6.870	ng		99
28) bis(2-Chloroethoxy)methane	9.76	93	101712	6.825	ng		100
29) 2,4-Dichlorophenol	10.00	162	62264	6.178	ng		99
30) 1,2,4-Trichlorobenzene	10.19	180	78753	6.822	ng		98
31) Naphthalene	10.37	128	240753	7.083	ng		99
32) Benzoic acid	9.69	122	4687	7.627	ng	#	88
33) 4-Chloroaniline	10.50	127	92530	6.353	ng		98
34) Hexachlorobutadiene	10.67	225	43620	6.537	ng		98
35) Caprolactam	11.24	113	18772	5.327	ng		93
36) 4-Chloro-3-methylphenol	11.65	107	67331	6.198	ng		98
37) 2-Methylnaphthalene	12.00	142	170151	7.094	ng		100
38) 1-Methylnaphthalene	12.22	142	162838	7.178	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	89863	7.176	ng		98

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Quant Time: Jul 13 14:59:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	12581	9.491	ng		94
43) 2,4,6-Trichlorophenol	12.63	196	45538	5.681	ng		96
44) 2,4,5-Trichlorophenol	12.72	196	47902	5.152	ng		98
46) 1,1'-Biphenyl	13.03	154	230799	7.598	ng		99
47) 2-Chloronaphthalene	13.06	162	168531	6.830	ng		99
48) 2-Nitroaniline	13.28	65	39084	5.125	ng		86
49) Acenaphthylene	13.92	152	266849	6.860	ng		98
50) Dimethylphthalate	13.67	163	207713	6.684	ng		99
51) 2,6-Dinitrotoluene	13.78	165	40057	6.021	ng		90
52) Acenaphthene	14.27	154	162239	6.979	ng		99
53) 3-Nitroaniline	14.12	138	39410	5.295	ng		98
54) 2,4-Dinitrophenol	14.37	184	2250	11.894	ng		93
55) Dibenzofuran	14.60	168	265898	7.132	ng		97
56) 4-Nitrophenol	14.50	139	14137	7.195	ng		94
57) 2,4-Dinitrotoluene	14.59	165	48952	5.587	ng		91
58) Fluorene	15.26	166	207798	7.532	ng		94
59) 2,3,4,6-Tetrachlorophenol	14.85	232	42739	5.832	ng	#	98
60) Diethylphthalate	15.05	149	198999	6.605	ng		97
61) 4-Chlorophenyl-phenylether	15.26	204	105810	7.219	ng		98
62) 4-Nitroaniline	15.29	138	38517	6.109	ng		95
63) Azobenzene	15.56	77	208618	6.734	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	15882	7.950	ng		93
66) n-Nitrosodiphenylamine	15.48	169	180676	6.938	ng		99
67) 4-Bromophenyl-phenylether	16.16	248	60850	6.337	ng		98
68) Hexachlorobenzene	16.27	284	68441	6.765	ng		94
69) Atrazine	16.44	200	54525	7.670	ng		96
70) Pentachlorophenol	16.64	266	9035	9.116	ng		96
71) Phenanthrene	17.00	178	336795	7.057	ng		98
72) Anthracene	17.10	178	332066	7.090	ng		98
73) Carbazole	17.37	167	303691	6.608	ng		98
74) Di-n-butylphthalate	17.95	149	299362	6.006	ng		99
75) Fluoranthene	18.99	202	387224	7.002	ng		97
77) Benzidine	19.18	184	134871	6.003	ng		99
78) Pyrene	19.34	202	411477	6.575	ng		98
80) Butylbenzylphthalate	20.24	149	126186	5.110	ng		98
81) Benzo(a)anthracene	21.06	228	402551	6.861	ng		99
82) 3,3'-Dichlorobenzidine	21.00	252	126411	6.505	ng		98
83) Chrysene	21.11	228	387363	6.936	ng		98
84) Bis(2-ethylhexyl)phthalate	21.01	149	198149	5.769	ng		99
85) Di-n-octyl phthalate	21.87	149	328207	5.315	ng		97
87) Indeno(1,2,3-cd)pyrene	25.46	276	450491	6.869	ng		98
88) Benzo(b)fluoranthene	22.60	252	377932	6.708	ng		99
89) Benzo(k)fluoranthene	22.65	252	394133	7.102	ng		100
90) Benzo(a)pyrene	23.16	252	343667	6.437	ng		99
91) Dibenzo(a,h)anthracene	25.47	278	373783	7.068	ng		98
92) Benzo(g,h,i)perylene	26.12	276	372220	6.942	ng		98

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

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