Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071420\
Data File : BP002745.D
Acq On : 14 Jul 2020 12:25
Operator : CG/JU
Sample : L3216-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2020

Quant Time: Jul 14 13:28:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 12:31:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	200795	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	829097	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	520047	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	1078731	20.00	ng		0.00
76) Chrysene-d12	21.07	240	1005614	20.00	ng		0.00
86) Perylene-d12	23.26	264	899793	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1142659	96.01	ng		0.00
7) Phenol-d6	6.75	99	1598699	94.12	ng		0.00
23) Nitrobenzene-d5	8.70	82	1188306	76.66	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	514193	94.72	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	2401064	71.42	ng		0.00
79) Terphenyl-d14	19.55	244	2679322	61.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	48055	9.262	ng		99
3) Pyridine	3.52	79	92175	5.961	ng		93
4) n-Nitrosodimethylamine	3.43	42	44265	7.599	ng		96
6) Aniline	6.89	93	158477	7.370	ng		99
8) 2-Chlorophenol	7.12	128	95570	7.218	ng		93
9) Benzaldehyde	6.70	77	93063	10.085	ng		99
10) Phenol	6.78	94	127077	7.304	ng		91
11) bis(2-Chloroethyl)ether	6.99	93	105341	7.279	ng		98
12) 1,3-Dichlorobenzene	7.45	146	106787	7.033	ng		99
13) 1,4-Dichlorobenzene	7.59	146	108895	7.146	ng		97
14) 1,2-Dichlorobenzene	7.90	146	104019	7.079	ng		99
15) Benzyl Alcohol	7.80	79	74337	6.540	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.09	45	150848	7.248	ng		98
17) 2-Methylphenol	8.02	107	80940	6.530	ng		99
18) Hexachloroethane	8.62	117	39299	7.282	ng		96
19) n-Nitroso-di-n-propylamine	8.36	70	78611	7.600	ng		98
20) 3+4-Methylphenols	8.34	107	106209	6.480	ng		99
22) Acetophenone	8.37	105	158163	7.738	ng	#	98
24) Nitrobenzene	8.74	77	123593	7.362	ng		99
25) Isophorone	9.26	82	219406	6.944	ng		100
26) 2-Nitrophenol	9.45	139	44543	6.143	ng		96
27) 2,4-Dimethylphenol	9.53	122	83322	7.078	ng		100
28) bis(2-Chloroethoxy)methane	9.75	93	141501	7.374	ng		99
29) 2,4-Dichlorophenol	10.00	162	82740	6.375	ng		97
30) 1,2,4-Trichlorobenzene	10.19	180	99882	6.719	ng		98
31) Naphthalene	10.37	128	312843	7.147	ng		99
32) Benzoic acid	9.66	122	21503m	2.674	ng		
33) 4-Chloroaniline	10.50	127	122986	6.557	ng		99
34) Hexachlorobutadiene	10.67	225	55172	6.421	ng		98
35) Caprolactam	11.23	113	26532	5.847	ng		95
36) 4-Chloro-3-methylphenol	11.65	107	91251	6.522	ng		96
37) 2-Methylnaphthalene	12.00	142	224013	7.252	ng		100
38) 1-Methylnaphthalene	12.22	142	212853	7.286	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	113582	7.107	ng		100

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Quant Time: Jul 14 13:28:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 12:31:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	21854	3.798	ng		95
43) 2,4,6-Trichlorophenol	12.63	196	61894	6.050	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	66654	5.618	ng		97
46) 1,1'-Biphenyl	13.03	154	300460	7.750	ng		99
47) 2-Chloronaphthalene	13.06	162	215845	6.854	ng		97
48) 2-Nitroaniline	13.28	65	57063	5.862	ng		92
49) Acenaphthylene	13.92	152	351001	7.071	ng		99
50) Dimethylphthalate	13.67	163	271945	6.857	ng		100
51) 2,6-Dinitrotoluene	13.78	165	54556	6.425	ng		91
52) Acenaphthene	14.26	154	208310	7.021	ng		99
53) 3-Nitroaniline	14.12	138	53362	5.617	ng		92
54) 2,4-Dinitrophenol	14.35	184	7304m	2.188	ng		
55) Dibenzofuran	14.60	168	339483	7.135	ng		97
56) 4-Nitrophenol	14.48	139	26595	4.013	ng		97
57) 2,4-Dinitrotoluene	14.59	165	67478	6.034	ng		90
58) Fluorene	15.26	166	263727	7.490	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	56498	6.041	ng		96
60) Diethylphthalate	15.05	149	260553	6.776	ng		100
61) 4-Chlorophenyl-phenylether	15.26	204	135205	7.227	ng		98
62) 4-Nitroaniline	15.29	138	53745	5.717	ng		94
63) Azobenzene	15.56	77	291066	7.362	ng		99
65) 4,6-Dinitro-2-methylphenol	15.36	198	26068	4.462	ng		90
66) n-Nitrosodiphenylamine	15.47	169	233532	7.329	ng		99
67) 4-Bromophenyl-phenylether	16.16	248	74261	6.320	ng		93
68) Hexachlorobenzene	16.27	284	86864	7.016	ng		97
69) Atrazine	16.44	200	73335	8.430	ng		97
70) Pentachlorophenol	16.64	266	16431	3.388	ng		97
71) Phenanthrene	17.00	178	425338	7.282	ng		99
72) Anthracene	17.10	178	411676	7.183	ng		99
73) Carbazole	17.37	167	376848	6.700	ng		100
74) Di-n-butylphthalate	17.95	149	411725	6.750	ng		99
75) Fluoranthene	18.99	202	464375	6.862	ng		99
77) Benzidine	19.18	184	163290	6.551	ng		99
78) Pyrene	19.35	202	497187	7.161	ng		98
80) Butylbenzylphthalate	20.23	149	171154	6.247	ng		90
81) Benzo(a)anthracene	21.06	228	449875	6.911	ng		98
82) 3,3'-Dichlorobenzidine	21.00	252	143239	6.644	ng		97
83) Chrysene	21.10	228	429701	6.935	ng		99
84) Bis(2-ethylhexyl)phthalate	21.00	149	259494	6.810	ng	#	99
85) Di-n-octyl phthalate	21.86	149	401587	5.862	ng		97
87) Indeno(1,2,3-cd)pyrene	25.45	276	386239	5.939	ng		97
88) Benzo(b)fluoranthene	22.60	252	386643	6.920	ng		99
89) Benzo(k)fluoranthene	22.64	252	419518	7.623	ng		100
90) Benzo(a)pyrene	23.16	252	349827	6.607	ng		99
91) Dibenzo(a,h)anthracene	25.46	278	315864	6.022	ng		98
92) Benzo(g,h,i)perylene	26.12	276	309971	5.829	ng		98

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

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