Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037435.D
Acq On : 19 Oct 2018 1:07
Operator : JU/SJ
Sample : J5164-08
Misc : LOQ 20 PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2018

Quant Time: Oct 19 07:02:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51934	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	239249	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	158042	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	387456	20.00	ng		0.00
76) Chrysene-d12	21.77	240	357435	20.00	ng		0.00
87) Perylene-d12	25.10	264	372300	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	465615	149.89	ng		0.00
7) Phenol-d6	7.25	99	670012	142.64	ng		0.00
23) Nitrobenzene-d5	9.29	82	350708	82.12	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	247116	143.36	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	854824	81.56	ng		0.00
79) Terphenyl-d14	20.09	244	1320826	78.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	26768	16.992	ng		92
3) Pyridine	3.94	79	73653	18.550	ng		99
4) n-Nitrosodimethylamine	3.86	42	30784	21.767	ng		88
6) Aniline	7.43	93	89799	15.671	ng		96
8) 2-Chlorophenol	7.67	128	73824	20.315	ng		96
9) Benzaldehyde	7.25	77	52662	17.923	ng		96
10) Phenol	7.28	94	101742	20.529	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	75409	20.034	ng		98
12) 1,3-Dichlorobenzene	7.99	146	77931	19.263	ng		97
13) 1,4-Dichlorobenzene	8.14	146	79133	19.122	ng		99
14) 1,2-Dichlorobenzene	8.46	146	75596	18.990	ng		97
15) Benzyl Alcohol	8.35	79	67999	19.592	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	136828	20.316	ng		97
17) 2-Methylphenol	8.54	107	69693	21.270	ng		96
18) Hexachloroethane	9.19	117	27226	19.298	ng		99
19) n-Nitroso-di-n-propylamine	8.91	70	60139	18.593	ng		93
20) 3+4-Methylphenols	8.86	107	96246	20.545	ng		99
22) Acetophenone	8.94	105	115786	19.297	ng	#	96
24) Nitrobenzene	9.33	77	88119	19.861	ng		97
25) Isophorone	9.84	82	173105	22.183	ng		98
26) 2-Nitrophenol	10.04	139	36639	18.331	ng		97
27) 2,4-Dimethylphenol	10.08	122	83401	23.370	ng		94
28) bis(2-Chloroethoxy)methane	10.33	93	106507	20.832	ng		98
29) 2,4-Dichlorophenol	10.56	162	77928	19.612	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	81343	18.825	ng		98
31) Naphthalene	10.98	128	250100	21.283	ng		100
32) Benzoic acid	10.16	122	31635	13.648	ng		97
33) 4-Chloroaniline	11.09	127	80844	14.642	ng		97
34) Hexachlorobutadiene	11.24	225	47616	18.593	ng		98
35) Caprolactam	11.85	113	28886	18.126	ng		94
36) 4-Chloro-3-methylphenol	12.19	107	90532	20.203	ng		99
37) 2-Methylnaphthalene	12.58	142	189349	22.104	ng		98
38) 1-Methylnaphthalene	12.79	142	181686	21.840	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	95605	18.754	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	52556	21.583 ng		98
43) 2,4,6-Trichlorophenol	13.17	196	66223	19.445 ng		97
44) 2,4,5-Trichlorophenol	13.24	196	77467	20.892 ng		94
46) 1,1'-Biphenyl	13.58	154	239817	18.323 ng		99
47) 2-Chloronaphthalene	13.62	162	191212	19.310 ng		99
48) 2-Nitroaniline	13.83	65	58130	19.358 ng		94
49) Acenaphthylene	14.47	152	323844	21.741 ng		98
50) Dimethylphthalate	14.19	163	253509	20.735 ng		99
51) 2,6-Dinitrotoluene	14.32	165	54230	20.050 ng		98
52) Acenaphthene	14.80	154	187034	20.388 ng		98
53) 3-Nitroaniline	14.65	138	49696	16.551 ng	#	97
54) 2,4-Dinitrophenol	14.85	184	9111	18.687 ng		95
55) Dibenzofuran	15.14	168	311268	20.479 ng		98
56) 4-Nitrophenol	14.93	139	42283	19.025 ng		95
57) 2,4-Dinitrotoluene	15.10	165	72910	20.536 ng		95
58) Fluorene	15.79	166	250677	22.024 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	64647	20.362 ng		98
60) Diethylphthalate	15.54	149	261443	20.828 ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	126415	19.055 ng		98
62) 4-Nitroaniline	15.81	138	60901	20.412 ng		87
63) Azobenzene	16.07	77	248574	20.755 ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	25030	18.636 ng		96
66) n-Nitrosodiphenylamine	15.99	169	224299	19.245 ng		98
67) 4-Bromophenyl-phenylether	16.67	248	79538	18.693 ng		98
68) Hexachlorobenzene	16.78	284	81235	18.421 ng		97
69) Atrazine	16.93	200	83929	19.918 ng		99
70) Pentachlorophenol	17.12	266	38457	13.019 ng		98
71) Phenanthrene	17.53	178	422466	21.454 ng		99
72) Anthracene	17.62	178	432849	22.399 ng		98
73) Carbazole	17.89	167	392337	20.296 ng		98
74) Di-n-butylphthalate	18.43	149	458534	21.324 ng		98
75) Fluoranthene	19.53	202	504462	22.587 ng		99
77) Benzidine	19.72	184	80479	6.622 ng		99
78) Pyrene	19.89	202	502953	21.525 ng		98
80) Butylbenzylphthalate	20.77	149	194871	20.378 ng		96
81) Benzo(a)anthracene	21.75	228	463361	21.917 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	114737	14.001 ng		95
83) Chrysene	21.82	228	432349	21.267 ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	273598	20.411 ng		99
85) Di-n-octyl phthalate	22.88	149	458480	20.975 ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	449196	20.601 ng		98
88) Benzo(b)fluoranthene	24.03	252	441645	21.638 ng		98
89) Benzo(k)fluoranthene	24.10	252	439827	21.994 ng		97
90) Benzo(a)pyrene	24.95	252	421966	21.756 ng		98
91) Dibenzo(a,h)anthracene	29.00	278	366178	20.468 ng	#	96
92) Benzo(g,h,i)perylene	30.13	276	372811	20.597 ng		97

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

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