Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034116.D
Acq On : 2 May 2018 15:01
Operator : SJ/JU
Sample : J1161-08
Misc : LOQ 20PPM
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2018

Quant Time: May 02 15:56:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70162	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	277398	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	208118	20.00	ng		-0.01
63) Phenanthrene-d10	17.46	188	561830	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	621184	20.00	ng		-0.01
86) Perylene-d12	25.04	264	624362	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	549989	126.65	ng		0.00
7) Phenol-d6	7.22	99	815582	120.63	ng		0.00
23) Nitrobenzene-d5	9.24	82	612309	84.69	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	368517	127.88	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1234789	86.45	ng		-0.01
78) Terphenyl-d14	20.08	244	2297017	81.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	40791	22.368	ng	#	78
3) Pyridine	3.95	79	119701	20.920	ng		88
4) n-Nitrosodimethylamine	3.86	42	63761	20.437	ng	#	81
6) Aniline	7.39	93	174031	18.925	ng	#	89
8) 2-Chlorophenol	7.63	128	80720	18.628	ng		89
9) Benzaldehyde	7.21	77	73658	16.007	ng		91
10) Phenol	7.25	94	125560	18.413	ng	#	62
11) bis(2-Chloroethyl)ether	7.49	93	104648	19.494	ng		83
12) 1,3-Dichlorobenzene	7.96	146	103054	18.798	ng	#	80
13) 1,4-Dichlorobenzene	8.10	146	105127	19.308	ng		88
14) 1,2-Dichlorobenzene	8.43	146	105029	20.308	ng		95
15) Benzyl Alcohol	8.30	79	131560	18.242	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.61	45	135530	18.349	ng		90
17) 2-Methylphenol	8.50	107	87572	19.517	ng	#	77
18) Hexachloroethane	9.16	117	41878	18.080	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	114584	18.873	ng	#	88
20) 3+4-Methylphenols	8.83	107	125249	18.848	ng	#	77
22) Acetophenone	8.89	105	185470	19.628	ng	#	97
24) Nitrobenzene	9.28	77	155980	19.710	ng		91
25) Isophorone	9.80	82	275587	18.685	ng		96
26) 2-Nitrophenol	9.99	139	44962	20.523	ng	#	71
27) 2,4-Dimethylphenol	10.04	122	79706	18.767	ng		85
28) bis(2-Chloroethoxy)methane	10.29	93	138884	19.171	ng		95
29) 2,4-Dichlorophenol	10.53	162	98055	19.314	ng		92
30) 1,2,4-Trichlorobenzene	10.74	180	122126	19.978	ng		97
31) Naphthalene	10.94	128	290984	19.957	ng		98
32) Benzoic acid	10.13	122	64008	19.945	ng	#	78
33) 4-Chloroaniline	11.04	127	126770	19.281	ng	#	81
34) Hexachlorobutadiene	11.23	225	107187	20.716	ng		95
35) Caprolactam	11.79	113	36569	20.280	ng	#	83
36) 4-Chloro-3-methylphenol	12.15	107	125322	19.038	ng		88
37) 2-Methylnaphthalene	12.55	142	231689	19.597	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	162158	20.136	ng		97
40) Hexachlorocyclopentadiene	12.89	237	96303	20.181	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	94087	20.108	ng		97
43) 2,4,5-Trichlorophenol	13.21	196	109929	21.252	ng	#	94
45) 1,1'-Biphenyl	13.55	154	322345	19.827	ng		97
46) 2-Chloronaphthalene	13.59	162	250337	20.338	ng		97
47) 2-Nitroaniline	13.79	65	101472	20.620	ng		87
48) Acenaphthylene	14.44	152	384100	19.545	ng		99
49) Dimethylphthalate	14.17	163	349295	19.355	ng	#	98
50) 2,6-Dinitrotoluene	14.28	165	70643	20.382	ng	#	76
51) Acenaphthene	14.78	154	266261	19.935	ng		93
52) 3-Nitroaniline	14.61	138	72396	20.723	ng	#	86
53) 2,4-Dinitrophenol	14.81	184	28455	20.986	ng	#	61
54) Dibenzofuran	15.11	168	377234	19.482	ng	#	86
55) 4-Nitrophenol	14.90	139	54145	20.306	ng	#	56
56) 2,4-Dinitrotoluene	15.07	165	98890	21.012	ng	#	85
57) Fluorene	15.77	166	332657	19.711	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.33	232	100807	18.838	ng		94
59) Diethylphthalate	15.54	149	365773	19.153	ng		95
60) 4-Chlorophenyl-phenylether	15.76	204	200542	19.974	ng		95
61) 4-Nitroaniline	15.77	138	76927	20.759	ng	#	60
62) Azobenzene	16.05	77	399170	19.349	ng		95
64) 4,6-Dinitro-2-methylphenol	15.83	198	53304	20.179	ng		98
65) n-Nitrosodiphenylamine	15.97	169	294751	19.240	ng		96
66) 4-Bromophenyl-phenylether	16.65	248	132791	19.037	ng	#	86
67) Hexachlorobenzene	16.77	284	137801	19.461	ng		93
68) Atrazine	16.92	200	94384	11.703	ng		90
69) Pentachlorophenol	17.11	266	90971	18.433	ng		92
70) Phenanthrene	17.51	178	569796	19.737	ng		99
71) Anthracene	17.60	178	574549	19.637	ng		99
72) Carbazole	17.86	167	543425	20.289	ng		97
73) Di-n-butylphthalate	18.44	149	636565	19.745	ng	#	96
74) Fluoranthene	19.52	202	741842	20.335	ng		95
76) Benzidine	19.70	184	249020	15.563	ng		96
77) Pyrene	19.88	202	774137	19.891	ng		97
79) Butylbenzylphthalate	20.78	149	287421	18.918	ng		89
80) Benzo(a)anthracene	21.74	228	799421	20.081	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	301217	20.008	ng		98
82) Chrysene	21.81	228	757667	19.884	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	407384	19.483	ng		92
84) Di-n-octyl phthalate	22.92	149	632989	18.953	ng		98
85) Indeno(1,2,3-cd)pyrene	28.80	276	824925	19.672	ng	#	80
87) Benzo(b)fluoranthene	24.00	252	772392	19.584	ng	#	95
88) Benzo(k)fluoranthene	24.08	252	757071	20.084	ng	#	96
89) Benzo(a)pyrene	24.89	252	721985	19.566	ng	#	96
90) Dibenzo(a,h)anthracene	28.87	278	682135	19.611	ng	#	95
91) Benzo(g,h,i)perylene	29.96	276	656203	19.140	ng	#	92

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

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