Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
Data File : BG031988.D
Acq On : 11 Jan 2018 17:39
Operator : SJ/JU
Sample : J1013-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-010918MS

Manual Integrations APPROVED
Sohil
1/12/2018 10:39:21 AM

Quant Time: Jan 12 04:32:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 15:23:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	74530	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	319613	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	216381	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	512323	20.00	ng		0.00
75) Chrysene-d12	22.48	240	556421	20.00	ng		0.00
86) Perylene-d12	26.20	264	587726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	510642	124.79	ng		0.00
7) Phenol-d6	7.89	99	594004	111.81	ng		0.00
23) Nitrobenzene-d5	9.98	82	402299	95.05	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	430802	130.48	ng		0.00
44) 2-Fluorobiphenyl	14.04	172	1353044	78.48	ng		0.00
78) Terphenyl-d14	20.67	244	2080857	85.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	50277	33.146	ng	#	75
3) Pyridine	4.33	79	85926	21.193	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	63869	39.037	ng	#	90
6) Aniline	8.08	93	47942	7.014	ng	#	89
8) 2-Chlorophenol	8.33	128	201649	42.483	ng		83
9) Benzaldehyde	7.88	77	29239	9.140	ng		88
10) Phenol	7.92	94	191779	35.755	ng		93
11) bis(2-Chloroethyl)ether	8.17	93	165324	37.114	ng	#	80
12) 1,3-Dichlorobenzene	8.66	146	226381	38.406	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	230804	38.332	ng		91
14) 1,2-Dichlorobenzene	9.15	146	221543	38.831	ng		97
15) Benzyl Alcohol	9.02	79	164889	41.344	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.31	45	170541	47.012	ng		77
17) 2-Methylphenol	9.22	107	156947	40.895	ng		96
18) Hexachloroethane	9.90	117	76038	41.695	ng		88
19) n-Nitroso-di-n-propylamine	9.59	70	129645	35.732	ng	#	86
20) 3+4-Methylphenols	9.55	107	213871	39.210	ng		98
22) Acetophenone	9.62	105	292099	39.337	ng	#	88
24) Nitrobenzene	10.02	77	193998	44.472	ng	#	83
25) Isophorone	10.54	82	361905	39.719	ng	#	86
26) 2-Nitrophenol	10.75	139	120507	52.687	ng	#	81
27) 2,4-Dimethylphenol	10.79	122	206414	42.887	ng		93
28) bis(2-Chloroethoxy)methane	11.03	93	235410	38.505	ng		98
29) 2,4-Dichlorophenol	11.29	162	243017	43.010	ng		89
30) 1,2,4-Trichlorobenzene	11.51	180	267360	38.754	ng		98
31) Naphthalene	11.71	128	761155	47.188	ng		99
32) Benzoic acid	10.91	122	113382	36.422	ng	#	77
33) 4-Chloroaniline	11.81	127	22007	3.064	ng	#	89
34) Hexachlorobutadiene	11.98	225	188758	39.854	ng		95
35) Caprolactam	12.56	113	53058	30.980	ng	#	43
36) 4-Chloro-3-methylphenol	12.88	107	213842	40.979	ng	#	86
37) 2-Methylnaphthalene	13.28	142	521388	39.873	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	363675	39.902	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	450138	93.621	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	227409	43.276	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	241243	41.426	ng	#	90
45) 1,1'-Biphenyl	14.25	154	728710	39.430	ng		95
46) 2-Chloronaphthalene	14.31	162	546139	38.743	ng		94
47) 2-Nitroaniline	14.49	65	115415	47.406	ng	#	70
48) Acenaphthylene	15.14	152	819769	36.350	ng		97
49) Dimethylphthalate	14.84	163	710667	37.281	ng		99
50) 2,6-Dinitrotoluene	14.97	165	159781	45.564	ng	#	68
51) Acenaphthene	15.47	154	609523	41.268	ng		96
52) 3-Nitroaniline	15.30	138	33300	9.733	ng	#	80
53) 2,4-Dinitrophenol	15.50	184	168878	110.178	ng	#	65
54) Dibenzofuran	15.80	168	857056	37.855	ng		100
55) 4-Nitrophenol	15.58	139	205679	73.863	ng	#	74
56) 2,4-Dinitrotoluene	15.74	165	221800	49.188	ng	#	65
57) Fluorene	16.45	166	682204	37.091	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	250167	44.031	ng	#	84
59) Diethylphthalate	16.19	149	676062	36.388	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	422118	37.509	ng		92
61) 4-Nitroaniline	16.46	138	99924	29.929	ng	#	81
62) Azobenzene	16.72	77	445637	37.401	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	121275	48.545	ng	#	68
65) n-Nitrosodiphenylamine	16.64	169	619696	36.420	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	294574	39.762	ng		93
67) Hexachlorobenzene	17.44	284	303965	40.136	ng	#	91
68) Atrazine	17.56	200	263181	39.778	ng		98
69) Pentachlorophenol	17.78	266	394247	75.683	ng		98
70) Phenanthrene	18.19	178	1097353	37.848	ng		98
71) Anthracene	18.28	178	1111917	38.018	ng		99
72) Carbazole	18.53	167	965422	37.295	ng		99
73) Di-n-butylphthalate	19.04	149	1082030	37.612	ng		99
74) Fluoranthene	20.15	202	1340876	37.691	ng		94
76) Benzidine	20.30	184	96409m	5.614	ng		
77) Pyrene	20.50	202	1354685	38.114	ng		97
79) Butylbenzylphthalate	21.36	149	473501	39.685	ng	#	77
80) Benzo(a)anthracene	22.46	228	1359680	38.415	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	135445	9.870	ng	#	97
82) Chrysene	22.54	228	1282298	38.290	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	643316	37.216	ng	#	95
84) Di-n-octyl phthalate	23.69	149	1086366	37.316	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.52	276	1637749	38.120	ng	#	88
87) Benzo(b)fluoranthene	25.00	252	1417977	38.867	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1382481	37.865	ng	#	96
89) Benzo(a)pyrene	26.03	252	1374444	39.337	ng	#	97
90) Dibenzo(a,h)anthracene	30.60	278	1365838	37.850	ng	#	95
91) Benzo(g,h,i)perylene	30.52	276	1637749	38.440	ng	#	92

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

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