Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034974.D
Acq On : 8 Jun 2018 5:52
Operator : SJ/JU
Sample : PB110005BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110005BSD

Manual Integrations APPROVED
Sohil
6/8/2018 4:45:08 PM

Quant Time: Jun 08 08:03:46 2018
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43105	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	169078	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	121820	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	315884	20.00	ng		0.00
75) Chrysene-d12	21.72	240	319530	20.00	ng		0.00
86) Perylene-d12	24.96	264	318044	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	250165	97.94	ng		0.00
7) Phenol-d6	7.23	99	384625	102.03	ng		0.00
23) Nitrobenzene-d5	9.24	82	361226	101.55	ng		0.00
41) 2,4,6-Tribromophenol	16.18	330	161921	103.83	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	851990	90.92	ng		0.00
78) Terphenyl-d14	20.06	244	1444840	94.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	38426	31.531	ng	#	76
3) Pyridine	3.95	79	121544	36.964	ng	#	74
4) n-Nitrosodimethylamine	3.87	42	52792	37.372	ng	#	80
6) Aniline	7.40	93	122049	25.046	ng		98
8) 2-Chlorophenol	7.64	128	128213	47.888	ng		96
9) Benzaldehyde	7.21	77	69410	23.903	ng		97
10) Phenol	7.26	94	196010	50.242	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	124175	41.008	ng		93
12) 1,3-Dichlorobenzene	7.97	146	131096	41.038	ng	#	92
13) 1,4-Dichlorobenzene	8.11	146	133005	40.333	ng		99
14) 1,2-Dichlorobenzene	8.43	146	129531	41.818	ng		94
15) Benzyl Alcohol	8.31	79	162148	45.392	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.61	45	147603	48.975	ng		76
17) 2-Methylphenol	8.51	107	132293	51.433	ng	#	92
18) Hexachloroethane	9.16	117	49122	41.608	ng		86
19) n-Nitroso-di-n-propylamine	8.88	70	128786	40.211	ng	#	83
20) 3+4-Methylphenols	8.84	107	181570	49.248	ng		94
22) Acetophenone	8.90	105	226110	43.171	ng	#	93
24) Nitrobenzene	9.28	77	177540	48.743	ng		96
25) Isophorone	9.80	82	361363	48.118	ng		98
26) 2-Nitrophenol	9.99	139	69556	55.401	ng	#	88
27) 2,4-Dimethylphenol	10.05	122	141132	53.480	ng		87
28) bis(2-Chloroethoxy)methane	10.29	93	185204	45.892	ng		99
29) 2,4-Dichlorophenol	10.52	162	152800	53.213	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	155631	45.200	ng		96
31) Naphthalene	10.94	128	393358	44.784	ng		100
32) Benzoic acid	10.19	122	99507	56.295	ng		95
33) 4-Chloroaniline	11.04	127	36836	9.659	ng	#	90
34) Hexachlorobutadiene	11.22	225	114525	42.769	ng		96
35) Caprolactam	11.81	113	54839m	51.676	ng		
36) 4-Chloro-3-methylphenol	12.15	107	194660	54.383	ng		95
37) 2-Methylnaphthalene	12.54	142	316999	47.603	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	208165	45.876	ng		99
40) Hexachlorocyclopentadiene	12.88	237	300874	105.738	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	142199	52.337	ng		99
43) 2,4,5-Trichlorophenol	13.20	196	154111	51.678	ng		97
45) 1,1'-Biphenyl	13.54	154	437097	44.622	ng		97
46) 2-Chloronaphthalene	13.58	162	340554	45.983	ng		99
47) 2-Nitroaniline	13.78	65	122868	56.182	ng		95
48) Acenaphthylene	14.42	152	581622	46.836	ng		99
49) Dimethylphthalate	14.16	163	486026	45.752	ng		99
50) 2,6-Dinitrotoluene	14.27	165	107000	55.211	ng		95
51) Acenaphthene	14.77	154	356744	43.967	ng		98
52) 3-Nitroaniline	14.60	138	35597	18.719	ng	#	95
53) 2,4-Dinitrophenol	14.80	184	97188	123.913	ng	#	64
54) Dibenzofuran	15.10	168	561290	46.189	ng		94
55) 4-Nitrophenol	14.90	139	174284	108.591	ng	#	86
56) 2,4-Dinitrotoluene	15.06	165	154189	59.892	ng		91
57) Fluorene	15.75	166	473633	46.636	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	158694	54.779	ng		96
59) Diethylphthalate	15.52	149	491716	45.369	ng		99
60) 4-Chlorophenyl-phenylether	15.74	204	263807	45.554	ng		98
61) 4-Nitroaniline	15.76	138	104935	51.453	ng	#	79
62) Azobenzene	16.04	77	504857	47.535	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	75415	52.290	ng		94
65) n-Nitrosodiphenylamine	15.96	169	417643	44.026	ng		97
66) 4-Bromophenyl-phenylether	16.64	248	180660	47.492	ng		95
67) Hexachlorobenzene	16.75	284	182810	47.215	ng		96
68) Atrazine	16.90	200	190597	47.114	ng		96
69) Pentachlorophenol	17.09	266	226368	86.946	ng		97
70) Phenanthrene	17.49	178	759278	47.318	ng		97
71) Anthracene	17.58	178	785074	48.843	ng		98
72) Carbazole	17.84	167	707393	47.433	ng		98
73) Di-n-butylphthalate	18.41	149	816400	45.929	ng	#	98
74) Fluoranthene	19.49	202	988975	47.364	ng		96
76) Benzidine	19.67	184	287213	24.161	ng		98
77) Pyrene	19.85	202	968224	45.964	ng		97
79) Butylbenzylphthalate	20.75	149	378522	49.486	ng		98
80) Benzo(a)anthracene	21.70	228	980178	48.004	ng		98
81) 3,3'-Dichlorobenzidine	21.61	252	165771	21.579	ng	#	98
82) Chrysene	21.77	228	924960	49.476	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	530142	49.050	ng		98
84) Di-n-octyl phthalate	22.86	149	904603	48.786	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.67	276	1107428	50.578	ng	#	86
87) Benzo(b)fluoranthene	23.94	252	967628	49.404	ng	#	97
88) Benzo(k)fluoranthene	24.01	252	929645	48.522	ng	#	97
89) Benzo(a)pyrene	24.81	252	935143	50.741	ng	#	95
90) Dibenzo(a,h)anthracene	28.74	278	898052	49.362	ng		97
91) Benzo(g,h,i)perylene	29.82	276	913660	51.315	ng	#	93

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

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