Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036284.D
Acq On : 11 Aug 2018 1:57
Operator : JU/SJ
Sample : PB111938BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111938BSD

Manual Integrations APPROVED
Sohil
8/13/2018 6:08:39 PM

Quant Time: Aug 11 05:15:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26283	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	94085	20.00	ng		-0.03
38) Acenaphthene-d10	14.63	164	68086	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	194510	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	209001	20.00	ng		-0.02
86) Perylene-d12	24.82	264	198912	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	159100	100.50	ng		0.00
7) Phenol-d6	7.18	99	235359	99.65	ng		-0.01
23) Nitrobenzene-d5	9.17	82	235045	104.36	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	116607	129.94	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	542543	106.76	ng		-0.02
78) Terphenyl-d14	19.98	244	953907	100.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	26551	32.952	ng	#	71
3) Pyridine	3.90	79	74153	35.253	ng	#	73
4) n-Nitrosodimethylamine	3.82	42	35501	39.307	ng	#	91
6) Aniline	7.33	93	67213	21.955	ng		99
8) 2-Chlorophenol	7.58	128	78653	48.850	ng		96
9) Benzaldehyde	7.15	77	58042	40.050	ng		92
10) Phenol	7.21	94	113577	47.596	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	77148	41.282	ng		89
12) 1,3-Dichlorobenzene	7.90	146	87756	45.134	ng		93
13) 1,4-Dichlorobenzene	8.04	146	89610	45.360	ng		94
14) 1,2-Dichlorobenzene	8.36	146	82816	43.637	ng		95
15) Benzyl Alcohol	8.25	79	85259	39.750	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.53	45	81260	51.865	ng		78
17) 2-Methylphenol	8.46	107	76575	47.198	ng	#	84
18) Hexachloroethane	9.08	117	34310	45.423	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	70305	35.348	ng	#	83
20) 3+4-Methylphenols	8.79	107	100069	44.460	ng		89
22) Acetophenone	8.83	105	134364	45.924	ng	#	87
24) Nitrobenzene	9.21	77	110922	48.972	ng		93
25) Isophorone	9.73	82	196251	46.940	ng		98
26) 2-Nitrophenol	9.92	139	46427	57.714	ng	#	81
27) 2,4-Dimethylphenol	9.98	122	79388	58.302	ng		87
28) bis(2-Chloroethoxy)methane	10.21	93	102744	44.599	ng		93
29) 2,4-Dichlorophenol	10.47	162	90030	57.921	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	101283	53.139	ng		97
31) Naphthalene	10.86	128	238134	48.589	ng		96
32) Benzoic acid	10.16	122	27303m	29.785	ng		
33) 4-Chloroaniline	10.98	127	26765	12.530	ng	#	89
34) Hexachlorobutadiene	11.14	225	80426	54.113	ng		94
35) Caprolactam	11.76	113	30115m	45.148	ng		
36) 4-Chloro-3-methylphenol	12.10	107	109773	52.687	ng		91
37) 2-Methylnaphthalene	12.46	142	182215	49.904	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	134528	52.350	ng		98
40) Hexachlorocyclopentadiene	12.80	237	164367	121.960	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	84181	56.015	ng		100
43) 2,4,5-Trichlorophenol	13.16	196	93514	55.623	ng		97
45) 1,1'-Biphenyl	13.47	154	260843	49.415	ng		98
46) 2-Chloronaphthalene	13.51	162	207334	50.496	ng		100
47) 2-Nitroaniline	13.72	65	73522	50.649	ng		97
48) Acenaphthylene	14.35	152	342617	49.814	ng		97
49) Dimethylphthalate	14.09	163	289996	48.614	ng		100
50) 2,6-Dinitrotoluene	14.21	165	69579	57.278	ng		93
51) Acenaphthene	14.70	154	198758	46.390	ng		97
52) 3-Nitroaniline	14.55	138	29315	23.611	ng	#	93
53) 2,4-Dinitrophenol	14.75	184	49261	78.952	ng	#	72
54) Dibenzofuran	15.03	168	346583	50.863	ng		92
55) 4-Nitrophenol	14.87	139	69644	78.765	ng	#	80
56) 2,4-Dinitrotoluene	15.00	165	98898	56.748	ng		90
57) Fluorene	15.68	166	290127	50.800	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.26	232	98380	61.032	ng		91
59) Diethylphthalate	15.45	149	291914	47.590	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	170668	50.844	ng		92
61) 4-Nitroaniline	15.71	138	62119	47.830	ng	#	76
62) Azobenzene	15.96	77	294737	48.714	ng		96
64) 4,6-Dinitro-2-methylphenol	15.76	198	53599	49.502	ng		91
65) n-Nitrosodiphenylamine	15.89	169	257771	46.559	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	120297	53.308	ng		97
67) Hexachlorobenzene	16.69	284	121928	52.467	ng		94
68) Atrazine	16.83	200	124759	54.730	ng		97
69) Pentachlorophenol	17.03	266	105721	74.689	ng		98
70) Phenanthrene	17.42	178	479918	49.447	ng		97
71) Anthracene	17.51	178	495636	51.286	ng		99
72) Carbazole	17.79	167	434486	47.340	ng		99
73) Di-n-butylphthalate	18.33	149	510474	47.067	ng	#	99
74) Fluoranthene	19.42	202	647562	49.533	ng		96
76) Benzidine	19.61	184	148464	27.020	ng		98
77) Pyrene	19.79	202	648006	49.034	ng		99
79) Butylbenzylphthalate	20.67	149	239159	50.606	ng	#	94
80) Benzo(a)anthracene	21.62	228	650986	49.982	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	135538	29.845	ng	#	97
82) Chrysene	21.69	228	610955	50.620	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	323019	50.277	ng		99
84) Di-n-octyl phthalate	22.71	149	548060	50.947	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	645232	48.287	ng	#	85
87) Benzo(b)fluoranthene	23.82	252	614818	50.854	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	602120	50.943	ng	#	95
89) Benzo(a)pyrene	24.68	252	596484	53.033	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	522806	47.347	ng	#	95
91) Benzo(g,h,i)perylene	29.58	276	539536	49.933	ng	#	93

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

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