Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036271.D
Acq On : 10 Aug 2018 17:24
Operator : JU/SJ
Sample : PB111936BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111936BSD

Manual Integrations APPROVED
Sohil
8/13/2018 6:08:35 PM

Quant Time: Aug 10 23:31:08 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	24050	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	90144	20.00	ng		-0.03
38) Acenaphthene-d10	14.63	164	63632	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	182072	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	201178	20.00	ng		-0.02
86) Perylene-d12	24.82	264	193975	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	214495	148.07	ng		0.00
7) Phenol-d6	7.18	99	313923	145.25	ng		-0.01
23) Nitrobenzene-d5	9.17	82	160440	74.35	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	157138	187.36	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	383827	80.81	ng		-0.03
78) Terphenyl-d14	19.98	244	754733	82.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	24776	33.604	ng	#	75
3) Pyridine	3.90	79	67237	34.933	ng	#	75
4) n-Nitrosodimethylamine	3.82	42	26100	31.581	ng	#	82
6) Aniline	7.34	93	74702	26.667	ng		94
8) 2-Chlorophenol	7.58	128	59323	40.266	ng		97
9) Benzaldehyde	7.15	77	32598	24.582	ng		91
10) Phenol	7.21	94	89142	40.825	ng		86
11) bis(2-Chloroethyl)ether	7.42	93	60837	35.577	ng		87
12) 1,3-Dichlorobenzene	7.89	146	70505	39.629	ng		95
13) 1,4-Dichlorobenzene	8.04	146	71618	39.619	ng		96
14) 1,2-Dichlorobenzene	8.36	146	67291	38.749	ng		98
15) Benzyl Alcohol	8.25	79	64873	33.054	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.53	45	65847	45.930	ng		70
17) 2-Methylphenol	8.46	107	58221	39.217	ng	#	89
18) Hexachloroethane	9.09	117	27144	39.272	ng	#	81
19) n-Nitroso-di-n-propylamine	8.80	70	55154	30.305	ng	#	88
20) 3+4-Methylphenols	8.78	107	79249	38.479	ng		95
22) Acetophenone	8.83	105	104507	37.281	ng	#	93
24) Nitrobenzene	9.21	77	87085	40.129	ng		90
25) Isophorone	9.73	82	156997	39.193	ng		99
26) 2-Nitrophenol	9.92	139	36873	47.842	ng	#	87
27) 2,4-Dimethylphenol	9.98	122	58793	45.065	ng		84
28) bis(2-Chloroethoxy)methane	10.21	93	83551	37.853	ng		95
29) 2,4-Dichlorophenol	10.47	162	68641	46.091	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	80557	44.113	ng		96
31) Naphthalene	10.85	128	185643	39.535	ng		99
32) Benzoic acid	10.15	122	18559m	21.131	ng		
33) 4-Chloroaniline	10.98	127	50128	24.493	ng	#	89
34) Hexachlorobutadiene	11.14	225	65754	46.175	ng		97
35) Caprolactam	11.75	113	22658	35.453	ng	#	66
36) 4-Chloro-3-methylphenol	12.10	107	83567	41.863	ng		97
37) 2-Methylnaphthalene	12.46	142	146865	41.981	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	106636	44.400	ng		98
40) Hexachlorocyclopentadiene	12.80	237	125407	99.565	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	64618	46.007	ng		90
43) 2,4,5-Trichlorophenol	13.16	196	74012	47.105	ng		95
45) 1,1'-Biphenyl	13.47	154	202003	40.946	ng		99
46) 2-Chloronaphthalene	13.51	162	160996	41.955	ng		97
47) 2-Nitroaniline	13.72	65	55744	41.090	ng		94
48) Acenaphthylene	14.36	152	272080	42.327	ng		96
49) Dimethylphthalate	14.08	163	218961	39.275	ng	#	98
50) 2,6-Dinitrotoluene	14.21	165	50731	44.685	ng		97
51) Acenaphthene	14.70	154	154910	38.686	ng		97
52) 3-Nitroaniline	14.55	138	37174	32.037	ng	#	92
53) 2,4-Dinitrophenol	14.75	184	35189	61.897	ng	#	74
54) Dibenzofuran	15.03	168	268261	42.125	ng		92
55) 4-Nitrophenol	14.87	139	54051	65.408	ng	#	81
56) 2,4-Dinitrotoluene	15.00	165	77320	47.472	ng	#	85
57) Fluorene	15.68	166	226624	42.459	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	76571	50.828	ng	#	92
59) Diethylphthalate	15.44	149	224419	39.148	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	130061	41.459	ng		98
61) 4-Nitroaniline	15.71	138	47293m	38.963	ng		
62) Azobenzene	15.96	77	227809	40.287	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	41709	41.152	ng		88
65) n-Nitrosodiphenylamine	15.88	169	199924	38.577	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	90875	43.021	ng		99
67) Hexachlorobenzene	16.68	284	94541	43.461	ng		94
68) Atrazine	16.83	200	93903	44.008	ng		96
69) Pentachlorophenol	17.03	266	75435	56.933	ng		98
70) Phenanthrene	17.42	178	380540	41.886	ng		99
71) Anthracene	17.51	178	384801	42.537	ng		97
72) Carbazole	17.78	167	349012	40.625	ng		98
73) Di-n-butylphthalate	18.33	149	403044	39.700	ng	#	97
74) Fluoranthene	19.42	202	522474	42.695	ng		96
76) Benzidine	19.61	184	167431	31.656	ng		99
77) Pyrene	19.79	202	520346	40.905	ng		99
79) Butylbenzylphthalate	20.67	149	186952	41.098	ng	#	98
80) Benzo(a)anthracene	21.62	228	515110	41.088	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	138474	31.678	ng	#	98
82) Chrysene	21.69	228	488420	42.041	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	257014	41.559	ng	#	99
84) Di-n-octyl phthalate	22.71	149	436476	42.152	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	514170	39.975	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	496843	42.142	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	471641	40.919	ng	#	98
89) Benzo(a)pyrene	24.67	252	469360	42.793	ng	#	95
90) Dibenzo(a,h)anthracene	28.50	278	421058	39.103	ng	#	95
91) Benzo(g,h,i)perylene	29.58	276	429995	40.808	ng	#	92

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

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