Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036231.D
Acq On : 9 Aug 2018 13:43
Operator : JU/SJ
Sample : PB111883BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111883BSD

Manual Integrations APPROVED
Sohil
8/9/2018 3:17:10 PM

Quant Time: Aug 09 15:05:41 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	8.01	152	28192	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	109633	20.00	ng		-0.03
38) Acenaphthene-d10	14.63	164	78365	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	234576	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	262095	20.00	ng		-0.01
86) Perylene-d12	24.83	264	248507	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	237486	139.86	ng		0.00
7) Phenol-d6	7.19	99	335842	132.56	ng		0.00
23) Nitrobenzene-d5	9.17	82	225313	85.85	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	173012	167.50	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	515828	88.19	ng		-0.02
78) Terphenyl-d14	19.99	244	1104479	92.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	29005	33.560	ng	#	75
3) Pyridine	3.90	79	75843	33.615	ng	#	69
4) n-Nitrosodimethylamine	3.82	42	34995	36.123	ng	#	82
6) Aniline	7.33	93	104841	31.927	ng		98
8) 2-Chlorophenol	7.58	128	79335	45.937	ng		94
9) Benzaldehyde	7.15	77	44586	28.682	ng		97
10) Phenol	7.21	94	114262	44.641	ng		91
11) bis(2-Chloroethyl)ether	7.43	93	79741	39.780	ng		90
12) 1,3-Dichlorobenzene	7.90	146	93342	44.756	ng		94
13) 1,4-Dichlorobenzene	8.04	146	90902	42.898	ng		94
14) 1,2-Dichlorobenzene	8.36	146	87967	43.213	ng		97
15) Benzyl Alcohol	8.25	79	87001	37.816	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84899	50.519	ng		75
17) 2-Methylphenol	8.46	107	74381	42.741	ng	#	89
18) Hexachloroethane	9.09	117	34429	42.494	ng	#	79
19) n-Nitroso-di-n-propylamine	8.81	70	72739	34.095	ng	#	87
20) 3+4-Methylphenols	8.79	107	102522	42.466	ng		94
22) Acetophenone	8.83	105	136553	40.053	ng	#	92
24) Nitrobenzene	9.21	77	110539	41.882	ng		96
25) Isophorone	9.73	82	201987	41.461	ng		99
26) 2-Nitrophenol	9.93	139	46692	49.812	ng	#	85
27) 2,4-Dimethylphenol	9.98	122	79107	49.857	ng		89
28) bis(2-Chloroethoxy)methane	10.21	93	107931	40.206	ng		97
29) 2,4-Dichlorophenol	10.47	162	89779	49.568	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	101724	45.802	ng		99
31) Naphthalene	10.86	128	241658	42.315	ng		99
32) Benzoic acid	10.16	122	27584	25.824	ng		97
33) 4-Chloroaniline	10.98	127	64616	25.960	ng		95
34) Hexachlorobutadiene	11.14	225	80412	46.431	ng		99
35) Caprolactam	11.76	113	30752m	39.564	ng		
36) 4-Chloro-3-methylphenol	12.10	107	108496	44.689	ng		95
37) 2-Methylnaphthalene	12.46	142	186935	43.936	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	134295	45.404	ng		98
40) Hexachlorocyclopentadiene	12.80	237	156174	100.681	ng		92

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Quant Time: Aug 09 15:05:41 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)
42) 2,4,6-Trichlorophenol	13.07	196	86333	49.912	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	91872	47.479	ng		92
45) 1,1'-Biphenyl	13.47	154	261779	43.087	ng		98
46) 2-Chloronaphthalene	13.51	162	209309	44.290	ng		99
47) 2-Nitroaniline	13.72	65	74392	44.526	ng		99
48) Acenaphthylene	14.35	152	342475	43.262	ng		97
49) Dimethylphthalate	14.09	163	289594	42.178	ng		99
50) 2,6-Dinitrotoluene	14.21	165	67421	48.221	ng		93
51) Acenaphthene	14.70	154	200394	40.637	ng		96
52) 3-Nitroaniline	14.55	138	47557	33.279	ng	#	94
53) 2,4-Dinitrophenol	14.76	184	60211	83.436	ng	#	65
54) Dibenzofuran	15.03	168	343803	43.837	ng		93
55) 4-Nitrophenol	14.87	139	79215	77.838	ng	#	82
56) 2,4-Dinitrotoluene	15.00	165	101430	50.567	ng	#	87
57) Fluorene	15.68	166	285092	43.371	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	99522	53.642	ng		90
59) Diethylphthalate	15.45	149	291611	41.305	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	168335	43.571	ng		97
61) 4-Nitroaniline	15.71	138	64929	43.436	ng	#	78
62) Azobenzene	15.96	77	289970	41.639	ng		96
64) 4,6-Dinitro-2-methylphenol	15.76	198	60597	46.406	ng		84
65) n-Nitrosodiphenylamine	15.89	169	261617	39.182	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	117420	43.146	ng		96
67) Hexachlorobenzene	16.69	284	119985	42.812	ng		94
68) Atrazine	16.83	200	127104	46.235	ng		96
69) Pentachlorophenol	17.03	266	115798	67.835	ng		99
70) Phenanthrene	17.42	178	494091	42.212	ng		99
71) Anthracene	17.52	178	503329	43.186	ng		98
72) Carbazole	17.79	167	462283	41.766	ng		98
73) Di-n-butylphthalate	18.33	149	534941	40.898	ng	#	98
74) Fluoranthene	19.43	202	691035	43.830	ng		96
76) Benzidine	19.61	184	212073	30.777	ng		97
77) Pyrene	19.79	202	683831	41.263	ng		99
79) Butylbenzylphthalate	20.67	149	251945	42.512	ng	#	96
80) Benzo(a)anthracene	21.62	228	690482	42.275	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	189834	33.333	ng	#	96
82) Chrysene	21.69	228	649757	42.930	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	346148	42.962	ng	#	99
84) Di-n-octyl phthalate	22.71	149	582614	43.187	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	716554	42.761	ng	#	87
87) Benzo(b)fluoranthene	23.82	252	647419	42.864	ng	#	94
88) Benzo(k)fluoranthene	23.88	252	647230	43.831	ng	#	97
89) Benzo(a)pyrene	24.68	252	637116	45.341	ng	#	97
90) Dibenzo(a,h)anthracene	28.52	278	593018	42.987	ng	#	94
91) Benzo(g,h,i)perylene	29.60	276	571225	42.315	ng	#	91

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

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