Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036143.D
Acq On : 7 Aug 2018 1:20
Operator : JU/SJ
Sample : PB111775BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111775BSD

Manual Integrations APPROVED
Sohil
8/7/2018 6:54:24 PM

Quant Time: Aug 07 06:46:26 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	27146	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	103524	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	76370	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	214217	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	234204	20.00	ng		-0.02
86) Perylene-d12	24.82	264	224843	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	219340	134.15	ng		0.00
7) Phenol-d6	7.18	99	310847	127.42	ng		-0.01
23) Nitrobenzene-d5	9.17	82	206738	83.42	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	161108	160.05	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	481720	84.51	ng		-0.02
78) Terphenyl-d14	19.99	244	997547	93.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	28505	34.253	ng	#	75
3) Pyridine	3.90	79	79590	36.635	ng	#	76
4) n-Nitrosodimethylamine	3.82	42	33354	35.755	ng	#	81
6) Aniline	7.34	93	90454	28.607	ng		94
8) 2-Chlorophenol	7.58	128	72608	43.662	ng		92
9) Benzaldehyde	7.15	77	41795	27.922	ng		92
10) Phenol	7.21	94	104701	42.481	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	72337	37.477	ng		86
12) 1,3-Dichlorobenzene	7.90	146	86485m	43.066	ng		
13) 1,4-Dichlorobenzene	8.04	146	86170	42.232	ng		97
14) 1,2-Dichlorobenzene	8.37	146	81242	41.447	ng		97
15) Benzyl Alcohol	8.25	79	83012	37.472	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.54	45	75778	46.829	ng		71
17) 2-Methylphenol	8.45	107	68905	41.120	ng	#	89
18) Hexachloroethane	9.09	117	32826	42.077	ng		89
19) n-Nitroso-di-n-propylamine	8.81	70	64773	31.531	ng	#	79
20) 3+4-Methylphenols	8.79	107	91431	39.331	ng		90
22) Acetophenone	8.83	105	122340	38.002	ng		93
24) Nitrobenzene	9.21	77	101596	40.765	ng	#	94
25) Isophorone	9.73	82	185094	40.235	ng		98
26) 2-Nitrophenol	9.92	139	43400	49.032	ng	#	89
27) 2,4-Dimethylphenol	9.99	122	72958	48.695	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	98568	38.885	ng		97
29) 2,4-Dichlorophenol	10.47	162	84349	49.318	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	91040	43.410	ng		92
31) Naphthalene	10.86	128	218953	40.602	ng		98
32) Benzoic acid	10.15	122	34250m	33.957	ng		
33) 4-Chloroaniline	10.98	127	56025	23.837	ng		97
34) Hexachlorobutadiene	11.14	225	74331	45.452	ng		96
35) Caprolactam	11.75	113	28548m	38.896	ng		
36) 4-Chloro-3-methylphenol	12.10	107	104557	45.608	ng		95
37) 2-Methylnaphthalene	12.47	142	174079	43.329	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	125101	43.401	ng		98
40) Hexachlorocyclopentadiene	12.81	237	156935	103.814	ng		92

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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	81085	48.102	ng		99
43) 2,4,5-Trichlorophenol	13.15	196	90195	47.829	ng		99
45) 1,1'-Biphenyl	13.47	154	241594	40.803	ng		96
46) 2-Chloronaphthalene	13.51	162	194789	42.294	ng		99
47) 2-Nitroaniline	13.72	65	67113	41.219	ng		93
48) Acenaphthylene	14.36	152	330216	42.803	ng		98
49) Dimethylphthalate	14.09	163	276631	41.343	ng		99
50) 2,6-Dinitrotoluene	14.21	165	65029	47.725	ng	#	90
51) Acenaphthene	14.70	154	187360	38.986	ng		99
52) 3-Nitroaniline	14.55	138	42170	30.281	ng	#	91
53) 2,4-Dinitrophenol	14.75	184	65075	91.814	ng	#	63
54) Dibenzofuran	15.03	168	323914	42.380	ng		95
55) 4-Nitrophenol	14.87	139	79051	79.706	ng	#	83
56) 2,4-Dinitrotoluene	15.00	165	91853	46.989	ng	#	86
57) Fluorene	15.68	166	275449	42.999	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	93380	51.647	ng		92
59) Diethylphthalate	15.45	149	275743	40.078	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	160296	42.574	ng		97
61) 4-Nitroaniline	15.71	138	58789	40.356	ng	#	76
62) Azobenzene	15.97	77	276232	40.703	ng		93
64) 4,6-Dinitro-2-methylphenol	15.77	198	57417	48.150	ng		88
65) n-Nitrosodiphenylamine	15.88	169	248729	40.793	ng		96
66) 4-Bromophenyl-phenylether	16.57	248	110941	44.639	ng		98
67) Hexachlorobenzene	16.69	284	113750	44.445	ng	#	93
68) Atrazine	16.84	200	113967	45.396	ng		96
69) Pentachlorophenol	17.04	266	109479	70.229	ng		97
70) Phenanthrene	17.42	178	457204	42.773	ng		98
71) Anthracene	17.51	178	470061	44.165	ng		98
72) Carbazole	17.78	167	414985	41.056	ng		98
73) Di-n-butylphthalate	18.33	149	483703	40.495	ng	#	98
74) Fluoranthene	19.43	202	611514	42.472	ng		96
76) Benzidine	19.62	184	140773	22.863	ng		97
77) Pyrene	19.79	202	615926	41.591	ng		98
79) Butylbenzylphthalate	20.67	149	226025	42.680	ng		95
80) Benzo(a)anthracene	21.62	228	615378	42.164	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	163718	32.171	ng	#	96
82) Chrysene	21.69	228	576994	42.662	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	310845	43.175	ng		98
84) Di-n-octyl phthalate	22.71	149	529163	43.897	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.44	276	636006	42.475	ng	#	86
87) Benzo(b)fluoranthene	23.82	252	567286	41.511	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	573713	42.942	ng	#	96
89) Benzo(a)pyrene	24.67	252	560147	44.059	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	522698	41.877	ng	#	95
91) Benzo(g,h,i)perylene	29.58	276	534035	43.724	ng	#	92

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

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