Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036197.D
Acq On : 8 Aug 2018 14:38
Operator : JU/SJ
Sample : PB111868BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111868BS

Manual Integrations APPROVED
Sohil
8/9/2018 3:16:56 PM

Quant Time: Aug 09 14:53:29 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	27294	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	102752	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	74685	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	221362	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	252378	20.00	ng		-0.02
86) Perylene-d12	24.83	264	237895	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	224656	136.65	ng		-0.01
7) Phenol-d6	7.19	99	310551	126.61	ng		-0.01
23) Nitrobenzene-d5	9.17	82	209065	85.00	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	163010	165.59	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	486803	87.33	ng		-0.02
78) Terphenyl-d14	19.99	244	1058879	92.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	28838	34.465	ng	#	73
3) Pyridine	3.90	79	77005	35.253	ng	#	71
4) n-Nitrosodimethylamine	3.81	42	32684	34.847	ng	#	77
6) Aniline	7.34	93	95691	30.099	ng		98
8) 2-Chlorophenol	7.58	128	72544	43.387	ng		96
9) Benzaldehyde	7.15	77	41872	27.822	ng		96
10) Phenol	7.21	94	105953	42.756	ng		87
11) bis(2-Chloroethyl)ether	7.43	93	75383	38.844	ng		92
12) 1,3-Dichlorobenzene	7.90	146	85181m	42.187	ng		
13) 1,4-Dichlorobenzene	8.04	146	87798	42.797	ng		97
14) 1,2-Dichlorobenzene	8.36	146	82239	41.728	ng		91
15) Benzyl Alcohol	8.25	79	81148	36.432	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.53	45	78570	48.291	ng		80
17) 2-Methylphenol	8.45	107	70766	42.002	ng	#	85
18) Hexachloroethane	9.09	117	34415	43.874	ng		86
19) n-Nitroso-di-n-propylamine	8.81	70	69094	33.452	ng	#	81
20) 3+4-Methylphenols	8.78	107	96018	41.080	ng		92
22) Acetophenone	8.83	105	128010	40.062	ng	#	92
24) Nitrobenzene	9.21	77	102142	41.292	ng	#	93
25) Isophorone	9.73	82	186256	40.792	ng		99
26) 2-Nitrophenol	9.92	139	44065	50.158	ng	#	83
27) 2,4-Dimethylphenol	9.98	122	73995	49.758	ng	#	79
28) bis(2-Chloroethoxy)methane	10.21	93	98964	39.334	ng		100
29) 2,4-Dichlorophenol	10.46	162	83574	49.232	ng		90
30) 1,2,4-Trichlorobenzene	10.67	180	95037	45.656	ng		98
31) Naphthalene	10.86	128	226109	42.244	ng		97
32) Benzoic acid	10.16	122	36995m	36.954	ng		
33) 4-Chloroaniline	10.98	127	60564	25.962	ng		95
34) Hexachlorobutadiene	11.14	225	78052	48.086	ng		96
35) Caprolactam	11.75	113	29219m	40.110	ng		
36) 4-Chloro-3-methylphenol	12.10	107	104839	46.075	ng		93
37) 2-Methylnaphthalene	12.46	142	172631	43.291	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	127241	45.139	ng		99
40) Hexachlorocyclopentadiene	12.81	237	153604	103.903	ng		95

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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	78858	47.837	ng		94
43) 2,4,5-Trichlorophenol	13.15	196	91146	49.424	ng		98
45) 1,1'-Biphenyl	13.47	154	241029	41.626	ng		99
46) 2-Chloronaphthalene	13.51	162	198390	44.048	ng		99
47) 2-Nitroaniline	13.72	65	70295	44.147	ng		97
48) Acenaphthylene	14.36	152	322596	42.759	ng		96
49) Dimethylphthalate	14.09	163	270436	41.329	ng		99
50) 2,6-Dinitrotoluene	14.21	165	65299	49.005	ng		90
51) Acenaphthene	14.70	154	188536	40.116	ng		99
52) 3-Nitroaniline	14.55	138	45965	33.750	ng	#	92
53) 2,4-Dinitrophenol	14.76	184	55999	81.582	ng	#	64
54) Dibenzofuran	15.03	168	323055	43.221	ng		94
55) 4-Nitrophenol	14.86	139	76502	78.876	ng	#	80
56) 2,4-Dinitrotoluene	15.00	165	96720	50.595	ng		90
57) Fluorene	15.68	166	273480	43.654	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	91425	51.706	ng		94
59) Diethylphthalate	15.45	149	282348	41.964	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	160274	43.529	ng		96
61) 4-Nitroaniline	15.71	138	63045	44.254	ng	#	74
62) Azobenzene	15.96	77	281266	42.380	ng		93
64) 4,6-Dinitro-2-methylphenol	15.76	198	55167	44.770	ng		88
65) n-Nitrosodiphenylamine	15.89	169	248634	39.461	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	114677	44.653	ng		99
67) Hexachlorobenzene	16.68	284	115857	43.807	ng		97
68) Atrazine	16.84	200	118220	45.571	ng		96
69) Pentachlorophenol	17.04	266	107330	66.628	ng		98
70) Phenanthrene	17.42	178	463449	41.958	ng		98
71) Anthracene	17.51	178	482675	43.886	ng		98
72) Carbazole	17.78	167	436491	41.790	ng		98
73) Di-n-butylphthalate	18.34	149	502023	40.673	ng	#	97
74) Fluoranthene	19.43	202	646550	43.456	ng		97
76) Benzidine	19.61	184	218818	32.979	ng		97
77) Pyrene	19.79	202	653681	40.962	ng		99
79) Butylbenzylphthalate	20.67	149	238930	41.868	ng	#	91
80) Benzo(a)anthracene	21.63	228	654736	41.630	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	180155	32.852	ng		98
82) Chrysene	21.69	228	621662	42.655	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	329099	42.419	ng		98
84) Di-n-octyl phthalate	22.71	149	555611	42.772	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.46	276	673659	41.749	ng	#	87
87) Benzo(b)fluoranthene	23.82	252	629579	43.542	ng	#	95
88) Benzo(k)fluoranthene	23.89	252	598591	42.345	ng	#	97
89) Benzo(a)pyrene	24.68	252	593067	44.089	ng	#	96
90) Dibenzo(a,h)anthracene	28.52	278	560788	42.464	ng	#	96
91) Benzo(g,h,i)perylene	29.60	276	578137	44.738	ng	#	91

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

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