Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036165.D
Acq On : 7 Aug 2018 17:04
Operator : JU/SJ
Sample : PB111787BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111787BS

Manual Integrations APPROVED
Sohil
8/8/2018 5:34:30 PM

Quant Time: Aug 08 01:49:56 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	26036	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	99308	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	71491	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	208311	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	225778	20.00	ng		-0.02
86) Perylene-d12	24.82	264	216119	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	217875	138.93	ng		0.00
7) Phenol-d6	7.18	99	306176	130.86	ng		-0.01
23) Nitrobenzene-d5	9.17	82	202370	85.13	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	153058	162.43	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	469289	87.94	ng		-0.02
78) Terphenyl-d14	19.98	244	971346	94.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	30012	37.601	ng	#	75
3) Pyridine	3.90	79	79335	38.074	ng	#	71
4) n-Nitrosodimethylamine	3.82	42	31280	34.962	ng	#	86
6) Aniline	7.34	93	91777	30.263	ng		95
8) 2-Chlorophenol	7.58	128	71112	44.586	ng		96
9) Benzaldehyde	7.15	77	41477	28.891	ng		98
10) Phenol	7.21	94	103576	43.817	ng		90
11) bis(2-Chloroethyl)ether	7.43	93	69225	37.394	ng		88
12) 1,3-Dichlorobenzene	7.90	146	82740	42.958	ng		97
13) 1,4-Dichlorobenzene	8.04	146	86362	44.131	ng		98
14) 1,2-Dichlorobenzene	8.36	146	80039	42.574	ng		97
15) Benzyl Alcohol	8.25	79	80465	37.871	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.54	45	75058	48.361	ng		72
17) 2-Methylphenol	8.46	107	68835	42.830	ng	#	93
18) Hexachloroethane	9.09	117	31617	42.255	ng	#	86
19) n-Nitroso-di-n-propylamine	8.81	70	63520	32.239	ng	#	87
20) 3+4-Methylphenols	8.78	107	90533	40.605	ng		93
22) Acetophenone	8.83	105	120253	38.940	ng	#	92
24) Nitrobenzene	9.21	77	99160	41.476	ng		93
25) Isophorone	9.73	82	176523	40.001	ng		98
26) 2-Nitrophenol	9.93	139	42453	49.999	ng	#	89
27) 2,4-Dimethylphenol	9.98	122	71476	49.731	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	97427	40.066	ng		94
29) 2,4-Dichlorophenol	10.47	162	82408	50.229	ng		86
30) 1,2,4-Trichlorobenzene	10.67	180	91791	45.626	ng		99
31) Naphthalene	10.86	128	216664	41.883	ng		97
32) Benzoic acid	10.14	122	24613m	25.439	ng		
33) 4-Chloroaniline	10.98	127	58954	26.148	ng		94
34) Hexachlorobutadiene	11.14	225	74798	47.679	ng		98
35) Caprolactam	11.75	113	28430m	40.380	ng		
36) 4-Chloro-3-methylphenol	12.10	107	97612	44.386	ng		88
37) 2-Methylnaphthalene	12.46	142	171566	44.516	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	125176	46.390	ng		98
40) Hexachlorocyclopentadiene	12.81	237	154004	108.828	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	78458	49.720	ng		90
43) 2,4,5-Trichlorophenol	13.15	196	83911	47.534	ng		95
45) 1,1'-Biphenyl	13.47	154	233162	42.067	ng		98
46) 2-Chloronaphthalene	13.51	162	187484	43.487	ng		97
47) 2-Nitroaniline	13.72	65	63427	41.614	ng		90
48) Acenaphthylene	14.36	152	314203	43.507	ng		98
49) Dimethylphthalate	14.09	163	263993	42.147	ng		99
50) 2,6-Dinitrotoluene	14.21	165	61409	48.144	ng		88
51) Acenaphthene	14.70	154	180416	40.103	ng		97
52) 3-Nitroaniline	14.54	138	41133	31.552	ng	#	93
53) 2,4-Dinitrophenol	14.76	184	51239	78.273	ng	#	66
54) Dibenzofuran	15.03	168	318048	44.452	ng		95
55) 4-Nitrophenol	14.86	139	66169	71.270	ng	#	89
56) 2,4-Dinitrotoluene	15.00	165	90397	49.400	ng	#	90
57) Fluorene	15.68	166	262326	43.745	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	86351	51.018	ng	#	93
59) Diethylphthalate	15.45	149	264063	40.999	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	151666	43.031	ng		97
61) 4-Nitroaniline	15.71	138	55023	40.349	ng	#	79
62) Azobenzene	15.96	77	261323	41.134	ng		93
64) 4,6-Dinitro-2-methylphenol	15.77	198	51594	44.493	ng		80
65) n-Nitrosodiphenylamine	15.89	169	236952	39.963	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	105195	43.527	ng		95
67) Hexachlorobenzene	16.69	284	108345	43.533	ng		92
68) Atrazine	16.84	200	108408	44.406	ng		96
69) Pentachlorophenol	17.04	266	98884	65.230	ng		95
70) Phenanthrene	17.42	178	437039	42.046	ng		97
71) Anthracene	17.51	178	445431	43.037	ng		96
72) Carbazole	17.79	167	398183	40.510	ng		98
73) Di-n-butylphthalate	18.33	149	462253	39.797	ng	#	97
74) Fluoranthene	19.43	202	592948	42.350	ng		96
76) Benzidine	19.61	184	216608	36.492	ng		96
77) Pyrene	19.79	202	583978	40.906	ng		98
79) Butylbenzylphthalate	20.67	149	212851	41.693	ng	#	95
80) Benzo(a)anthracene	21.62	228	597974	42.500	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	155168	31.629	ng		97
82) Chrysene	21.69	228	558887	42.865	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	293621	42.305	ng	#	99
84) Di-n-octyl phthalate	22.71	149	500909	43.104	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	612341	42.420	ng	#	85
87) Benzo(b)fluoranthene	23.81	252	567154	43.177	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	543278	42.305	ng	#	97
89) Benzo(a)pyrene	24.68	252	538710	44.083	ng	#	95
90) Dibenzo(a,h)anthracene	28.51	278	504283	42.033	ng	#	97
91) Benzo(g,h,i)perylene	29.59	276	510037	43.445	ng	#	94

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

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