Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037760.D
Acq On : 2 Nov 2018 18:39
Operator : JU/SJ
Sample : PB114425BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114425BS

Manual Integrations APPROVED
Sohil
11/5/2018 9:49:32 AM

Quant Time: Nov 03 01:42:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52214	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	244179	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	163799	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	374229	20.00	ng		0.00
76) Chrysene-d12	21.77	240	333953	20.00	ng		0.00
87) Perylene-d12	25.10	264	337227	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	471821	151.07	ng		0.00
7) Phenol-d6	7.25	99	675520	143.04	ng		0.00
23) Nitrobenzene-d5	9.28	82	324999	74.56	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	257867	144.34	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	812733	74.82	ng		-0.01
79) Terphenyl-d14	20.08	244	1150607	73.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	61740	38.982	ng		98
3) Pyridine	3.93	79	135902	34.044	ng		95
4) n-Nitrosodimethylamine	3.85	42	59597	41.915	ng		92
6) Aniline	7.42	93	181658	31.531	ng		97
8) 2-Chlorophenol	7.66	128	158177	43.294	ng		98
9) Benzaldehyde	7.24	77	80402	27.217	ng		98
10) Phenol	7.27	94	213958	42.939	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	142745	37.719	ng		97
12) 1,3-Dichlorobenzene	7.99	146	160260	39.401	ng		99
13) 1,4-Dichlorobenzene	8.14	146	164165	39.457	ng		98
14) 1,2-Dichlorobenzene	8.45	146	157462	39.343	ng		97
15) Benzyl Alcohol	8.34	79	142189	40.748	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	270247	39.910	ng		99
17) 2-Methylphenol	8.54	107	145318	44.113	ng		99
18) Hexachloroethane	9.18	117	57854	40.787	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	121108	37.241	ng		95
20) 3+4-Methylphenols	8.86	107	199174	42.289	ng		99
22) Acetophenone	8.93	105	230626	37.660	ng	#	97
24) Nitrobenzene	9.32	77	181218	40.020	ng		94
25) Isophorone	9.83	82	343481	43.127	ng		96
26) 2-Nitrophenol	10.03	139	89454	43.852	ng		97
27) 2,4-Dimethylphenol	10.07	122	172488	47.358	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	211765	40.583	ng		97
29) 2,4-Dichlorophenol	10.56	162	172248	42.475	ng		99
30) 1,2,4-Trichlorobenzene	10.77	180	174355	39.536	ng		96
31) Naphthalene	10.97	128	509385	42.472	ng		99
32) Benzoic acid	10.19	122	88534	37.425	ng		98
33) 4-Chloroaniline	11.09	127	142127	25.221	ng		95
34) Hexachlorobutadiene	11.23	225	104123	39.837	ng		97
35) Caprolactam	11.87	113	61903m	38.061	ng		
36) 4-Chloro-3-methylphenol	12.18	107	187460	40.989	ng		100
37) 2-Methylnaphthalene	12.57	142	392502	44.895	ng		99
38) 1-Methylnaphthalene	12.79	142	375763	44.257	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	208887	39.536	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	263720	104.495	ng		96
43) 2,4,6-Trichlorophenol	13.16	196	149752	42.426	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	161145	41.931	ng		99
46) 1,1'-Biphenyl	13.57	154	507098	37.382	ng		100
47) 2-Chloronaphthalene	13.62	162	403555	39.322	ng		100
48) 2-Nitroaniline	13.82	65	126789	40.739	ng		90
49) Acenaphthylene	14.46	152	662253	42.897	ng		99
50) Dimethylphthalate	14.18	163	509735	40.226	ng		99
51) 2,6-Dinitrotoluene	14.31	165	116510	41.562	ng		94
52) Acenaphthene	14.80	154	382369	40.216	ng		98
53) 3-Nitroaniline	14.65	138	98388	31.616	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	86026	73.244	ng		96
55) Dibenzofuran	15.13	168	624927	39.671	ng		100
56) 4-Nitrophenol	14.94	139	244137	105.985	ng		100
57) 2,4-Dinitrotoluene	15.10	165	160473	43.610	ng		92
58) Fluorene	15.78	166	501642	42.525	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	139063	42.262	ng		99
60) Diethylphthalate	15.54	149	518008	39.818	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	265674	38.639	ng		98
62) 4-Nitroaniline	15.81	138	122081	39.479	ng		94
63) Azobenzene	16.06	77	488901	39.387	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	79638	41.873	ng		97
66) n-Nitrosodiphenylamine	15.99	169	451202	40.082	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	165980	40.388	ng		97
68) Hexachlorobenzene	16.77	284	167537	39.335	ng		98
69) Atrazine	16.93	200	169639	41.681	ng		99
70) Pentachlorophenol	17.12	266	192109	67.336	ng		96
71) Phenanthrene	17.52	178	800783	42.103	ng		100
72) Anthracene	17.61	178	818868	43.872	ng		99
73) Carbazole	17.89	167	724020	38.779	ng		99
74) Di-n-butylphthalate	18.42	149	866071	41.700	ng		99
75) Fluoranthene	19.53	202	924734	42.868	ng		100
77) Benzidine	19.71	184	404175	35.594	ng		99
78) Pyrene	19.89	202	914182	41.875	ng		100
80) Butylbenzylphthalate	20.76	149	388270	43.457	ng		97
81) Benzo(a)anthracene	21.74	228	855842	43.327	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	235796	30.797	ng		99
83) Chrysene	21.81	228	806160	42.443	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	545849	43.585	ng		99
85) Di-n-octyl phthalate	22.86	149	918874	44.994	ng		97
86) Indeno(1,2,3-cd)pyrene	28.92	276	756574	37.138	ng		99
88) Benzo(b)fluoranthene	24.03	252	807001	43.650	ng		99
89) Benzo(k)fluoranthene	24.11	252	815683	45.032	ng		99
90) Benzo(a)pyrene	24.95	252	807913	45.988	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	636340	39.268	ng		99
92) Benzo(g,h,i)perylene	30.12	276	617750	37.680	ng		100

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

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