Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042381.D
Acq On : 21 Aug 2019 13:33
Operator : HP/JU
Sample : PB122256BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122256BSD

Manual Integrations APPROVED
Jagrut
8/22/2019 1:58:47 PM

Quant Time: Aug 21 17:47:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	66381	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	262318	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	177221	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	366452	20.00	ng	0.00
76) Chrysene-d12	21.70	240	380963	20.00	ng	0.00
87) Perylene-d12	24.94	264	388283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	408505	124.68	ng	0.00
7) Phenol-d6	7.18	99	519952	116.85	ng	0.01
23) Nitrobenzene-d5	9.18	82	297987	79.90	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	269827	111.79	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	865702	82.66	ng	0.00
79) Terphenyl-d14	20.03	244	1349699	77.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	51607	36.525	ng	96
3) Pyridine	3.83	79	116495	32.188	ng	100
4) n-Nitrosodimethylamine	3.74	42	52176	41.874	ng	96
6) Aniline	7.32	93	172436	29.364	ng	99
8) 2-Chlorophenol	7.57	128	177531	44.573	ng	98
9) Benzaldehyde	7.14	77	43671	17.448	ng	98
10) Phenol	7.20	94	197142	43.579	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	146377	40.966	ng	98
12) 1,3-Dichlorobenzene	7.89	146	202395	39.927	ng	100
13) 1,4-Dichlorobenzene	8.04	146	205925	40.333	ng	99
14) 1,2-Dichlorobenzene	8.36	146	194290	39.875	ng	99
15) Benzyl Alcohol	8.25	79	130961	42.795	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	194146	39.402	ng	99
17) 2-Methylphenol	8.46	107	138888	41.522	ng	97
18) Hexachloroethane	9.10	117	69701	39.722	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	110078	38.462	ng	99
20) 3+4-Methylphenols	8.79	107	190218	41.105	ng	99
22) Acetophenone	8.83	105	237416	42.596	ng	96
24) Nitrobenzene	9.22	77	163185	42.940	ng	100
25) Isophorone	9.75	82	302204	40.521	ng	100
26) 2-Nitrophenol	9.93	139	106665	45.150	ng	98
27) 2,4-Dimethylphenol	10.00	122	158477	48.353	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	192412	40.053	ng	99
29) 2,4-Dichlorophenol	10.48	162	190452	43.704	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	222020	41.680	ng	99
31) Naphthalene	10.88	128	515992	42.447	ng	99
32) Benzoic acid	10.15	122	82498	36.796	ng	94
33) 4-Chloroaniline	10.99	127	141413	25.510	ng	96
34) Hexachlorobutadiene	11.17	225	144458	40.467	ng	97
35) Caprolactam	11.76	113	52411m	37.735	ng	
36) 4-Chloro-3-methylphenol	12.12	107	166094	40.777	ng	97
37) 2-Methylnaphthalene	12.49	142	399617	41.009	ng	99
38) 1-Methylnaphthalene	12.71	142	374536	40.350	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	252649	44.229	ng	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	325880	97.285	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	167516	43.814	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	175204	44.492	ng		100
46) 1,1'-Biphenyl	13.50	154	504861	43.665	ng		97
47) 2-Chloronaphthalene	13.54	162	414390	42.040	ng		99
48) 2-Nitroaniline	13.74	65	91532	39.291	ng		100
49) Acenaphthylene	14.39	152	625629	42.221	ng		100
50) Dimethylphthalate	14.12	163	499951	39.701	ng		100
51) 2,6-Dinitrotoluene	14.23	165	121624	41.267	ng		98
52) Acenaphthene	14.73	154	365466	40.430	ng		97
53) 3-Nitroaniline	14.57	138	81414	28.093	ng		99
54) 2,4-Dinitrophenol	14.78	184	153140	80.359	ng		99
55) Dibenzofuran	15.07	168	617909	41.966	ng		99
56) 4-Nitrophenol	14.89	139	211210	101.025	ng		99
57) 2,4-Dinitrotoluene	15.03	165	162370	39.404	ng		99
58) Fluorene	15.71	166	492310	41.102	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	163411	42.728	ng	#	97
60) Diethylphthalate	15.48	149	474170	38.920	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	291633	40.545	ng		99
62) 4-Nitroaniline	15.73	138	112897	36.866	ng		98
63) Azobenzene	16.00	77	340239	40.074	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	102365	45.782	ng		98
66) n-Nitrosodiphenylamine	15.92	169	444415	43.340	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	196279	42.089	ng		97
68) Hexachlorobenzene	16.73	284	205523	41.143	ng		99
69) Atrazine	16.87	200	155049	44.113	ng		99
70) Pentachlorophenol	17.08	266	250889	94.350	ng		98
71) Phenanthrene	17.46	178	779126	42.690	ng		100
72) Anthracene	17.55	178	796979	43.785	ng		99
73) Carbazole	17.82	167	696217	43.058	ng		99
74) Di-n-butylphthalate	18.38	149	790710	41.923	ng		99
75) Fluoranthene	19.47	202	964712	43.834	ng		100
77) Benzidine	19.65	184	306431	30.337	ng		100
78) Pyrene	19.83	202	966185	41.217	ng		100
80) Butylbenzylphthalate	20.71	149	373497	40.202	ng		99
81) Benzo(a)anthracene	21.68	228	963712	41.192	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	358650	38.515	ng		99
83) Chrysene	21.74	228	951582	42.519	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	539155	41.621	ng		99
85) Di-n-octyl phthalate	22.80	149	944805	42.760	ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1269967	42.499	ng		99
88) Benzo(b)fluoranthene	23.92	252	1087476	50.955	ng		99
89) Benzo(k)fluoranthene	23.98	252	1068487	51.217	ng		99
90) Benzo(a)pyrene	24.79	252	1063050	51.982	ng		99
91) Dibenzo(a,h)anthracene	28.72	278	1057685	51.843	ng		100
92) Benzo(g,h,i)perylene	29.82	276	1057693	52.026	ng		98

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

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