Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039992.D
Acq On : 19 Mar 2019 5:47
Operator : JU/SJ
Sample : PB117977BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117977BS

Manual Integrations APPROVED
Sohil
3/20/2019 6:52:23 PM

Quant Time: Mar 19 08:43:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43871	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	184321	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	120067	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	296622	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	294301	20.00	ng		-0.02
87) Perylene-d12	25.17	264	293798	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	377735	146.89	ng		-0.02
7) Phenol-d6	7.30	99	532357	138.84	ng		-0.01
23) Nitrobenzene-d5	9.32	82	328051	96.26	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	211217	150.93	ng		-0.01
45) 2-Fluorobiphenyl	13.39	172	770460	91.37	ng		-0.02
79) Terphenyl-d14	20.11	244	1194056	89.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	36016	30.336	ng		98
3) Pyridine	3.98	79	103705	32.628	ng		95
4) n-Nitrosodimethylamine	3.90	42	63488	42.106	ng	#	95
6) Aniline	7.47	93	103683	20.639	ng		98
8) 2-Chlorophenol	7.71	128	126783	40.638	ng		97
9) Benzaldehyde	7.28	77	63363	25.618	ng		96
10) Phenol	7.33	94	171359	41.253	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	124685	38.500	ng		96
12) 1,3-Dichlorobenzene	8.03	146	136540	38.697	ng		98
13) 1,4-Dichlorobenzene	8.18	146	137581	38.281	ng		98
14) 1,2-Dichlorobenzene	8.50	146	132547	38.171	ng		99
15) Benzyl Alcohol	8.39	79	124451	40.916	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	253064	39.070	ng		99
17) 2-Methylphenol	8.58	107	111337	42.036	ng		98
18) Hexachloroethane	9.23	117	49524	38.403	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	100533	36.427	ng		99
20) 3+4-Methylphenols	8.91	107	151886	41.278	ng		96
22) Acetophenone	8.98	105	195143	39.446	ng	#	96
24) Nitrobenzene	9.36	77	152908	42.768	ng		99
25) Isophorone	9.88	82	288475	40.397	ng		99
26) 2-Nitrophenol	10.07	139	74717	43.284	ng	#	92
27) 2,4-Dimethylphenol	10.12	122	125957	46.916	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	176019	40.561	ng		97
29) 2,4-Dichlorophenol	10.61	162	139761	46.237	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	142425	41.873	ng		96
31) Naphthalene	11.02	128	400955	41.086	ng		98
32) Benzoic acid	10.26	122	74158	41.298	ng		98
33) 4-Chloroaniline	11.13	127	46259	11.178	ng		97
34) Hexachlorobutadiene	11.28	225	96614	41.567	ng		95
35) Caprolactam	11.92	113	49132m	42.551	ng		
36) 4-Chloro-3-methylphenol	12.24	107	152606	44.042	ng		97
37) 2-Methylnaphthalene	12.61	142	300256	41.153	ng		99
38) 1-Methylnaphthalene	12.83	142	288155m	40.640	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	172256	42.349	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	231523	106.212	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	119842	50.325	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	125596	46.790	ng	#	95
46) 1,1'-Biphenyl	13.61	154	409735	41.491	ng		99
47) 2-Chloronaphthalene	13.66	162	319126	42.956	ng		99
48) 2-Nitroaniline	13.87	65	114011	47.753	ng		96
49) Acenaphthylene	14.50	152	511743	41.961	ng		99
50) Dimethylphthalate	14.22	163	422367	42.069	ng		99
51) 2,6-Dinitrotoluene	14.35	165	96858	45.507	ng		98
52) Acenaphthene	14.84	154	307602	41.906	ng		99
53) 3-Nitroaniline	14.69	138	42525	19.876	ng	#	96
54) 2,4-Dinitrophenol	14.89	184	79019	60.259	ng		98
55) Dibenzofuran	15.17	168	509297	42.289	ng		97
56) 4-Nitrophenol	14.99	139	158136	82.624	ng		91
57) 2,4-Dinitrotoluene	15.14	165	137748	46.059	ng	#	89
58) Fluorene	15.81	166	408844	43.184	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	124198	47.377	ng		98
60) Diethylphthalate	15.57	149	436611	43.930	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	220451	43.635	ng		97
62) 4-Nitroaniline	15.86	138	102790	44.316	ng		95
63) Azobenzene	16.10	77	403739	44.814	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	78239	44.610	ng		97
66) n-Nitrosodiphenylamine	16.02	169	374733	43.638	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	141939	42.750	ng		96
68) Hexachlorobenzene	16.81	284	146322	42.516	ng		95
69) Atrazine	16.96	200	139303	41.218	ng		97
70) Pentachlorophenol	17.16	266	191372	88.046	ng		100
71) Phenanthrene	17.56	178	681554	41.715	ng		100
72) Anthracene	17.65	178	689042	43.278	ng		99
73) Carbazole	17.92	167	602839	42.000	ng		98
74) Di-n-butylphthalate	18.45	149	742684	43.978	ng		99
75) Fluoranthene	19.56	202	813054	42.108	ng		99
77) Benzidine	19.74	184	228041	24.418	ng		99
78) Pyrene	19.93	202	819821	42.869	ng		99
80) Butylbenzylphthalate	20.79	149	346621	46.783	ng		95
81) Benzo(a)anthracene	21.78	228	794540	43.077	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	132064	19.611	ng		100
83) Chrysene	21.86	228	739635	41.363	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	476795	45.795	ng		99
85) Di-n-octyl phthalate	22.90	149	811340	47.064	ng		97
86) Indeno(1,2,3-cd)pyrene	29.04	276	862824	42.533	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	768182	43.847	ng		98
89) Benzo(k)fluoranthene	24.16	252	738046	45.256	ng		98
90) Benzo(a)pyrene	25.01	252	740513	45.741	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	698050	43.982	ng		98
92) Benzo(g,h,i)perylene	30.27	276	719202	45.120	ng		98

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

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