Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039942.D
Acq On : 15 Mar 2019 15:31
Operator : JU/SJ
Sample : PB117964BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117964BS

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:39 PM

Quant Time: Mar 16 04:26:56 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	8.15	152	36822	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	158663	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	102221	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	254573	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	278611	20.00	ng		-0.02
87) Perylene-d12	25.18	264	262141	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	300960	139.44	ng		-0.01
7) Phenol-d6	7.29	99	417505	129.73	ng		-0.02
23) Nitrobenzene-d5	9.33	82	235461	80.26	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	159449	133.83	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	568289	79.16	ng		-0.02
79) Terphenyl-d14	20.11	244	996949	78.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	38609	38.746	ng		100
3) Pyridine	3.98	79	96317	36.105	ng		97
4) n-Nitrosodimethylamine	3.90	42	52977	41.861	ng	#	93
6) Aniline	7.47	93	114973	27.268	ng		98
8) 2-Chlorophenol	7.71	128	110917	42.359	ng		96
9) Benzaldehyde	7.29	77	46203	22.256	ng		97
10) Phenol	7.32	94	148964	42.727	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	106365	39.130	ng		97
12) 1,3-Dichlorobenzene	8.03	146	117328	39.618	ng		97
13) 1,4-Dichlorobenzene	8.18	146	119581	39.642	ng		97
14) 1,2-Dichlorobenzene	8.50	146	113827	39.055	ng		96
15) Benzyl Alcohol	8.39	79	106385	41.672	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.66	45	219533	40.381	ng		100
17) 2-Methylphenol	8.58	107	96143	43.248	ng		98
18) Hexachloroethane	9.23	117	42051	38.851	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	87839	37.920	ng		93
20) 3+4-Methylphenols	8.91	107	132841	43.014	ng		96
22) Acetophenone	8.97	105	164153	38.547	ng	#	98
24) Nitrobenzene	9.37	77	128407	41.723	ng		99
25) Isophorone	9.88	82	242849	39.507	ng		99
26) 2-Nitrophenol	10.08	139	63660	42.842	ng		97
27) 2,4-Dimethylphenol	10.12	122	113077	48.930	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	149449	40.008	ng		100
29) 2,4-Dichlorophenol	10.61	162	119818	46.049	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	123392	42.144	ng		99
31) Naphthalene	11.02	128	343771	40.923	ng		98
32) Benzoic acid	10.25	122	58314	38.297	ng		95
33) 4-Chloroaniline	11.13	127	77976	21.890	ng		98
34) Hexachlorobutadiene	11.28	225	80587	40.279	ng		94
35) Caprolactam	11.91	113	38772m	39.009	ng		
36) 4-Chloro-3-methylphenol	12.23	107	122462	41.058	ng		97
37) 2-Methylnaphthalene	12.61	142	260187	41.428	ng		99
38) 1-Methylnaphthalene	12.83	142	244645	40.083	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	145089	41.897	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	187416	100.988	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	94356	46.540	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	99950	43.737	ng		95
46) 1,1'-Biphenyl	13.61	154	349909	41.618	ng		98
47) 2-Chloronaphthalene	13.66	162	264533	41.824	ng		99
48) 2-Nitroaniline	13.87	65	88889	43.731	ng		99
49) Acenaphthylene	14.50	152	422587	40.700	ng		99
50) Dimethylphthalate	14.22	163	348500	40.772	ng		100
51) 2,6-Dinitrotoluene	14.36	165	74814	41.287	ng		99
52) Acenaphthene	14.84	154	256269	41.008	ng		99
53) 3-Nitroaniline	14.68	138	53068	29.134	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	79450	70.214	ng		97
55) Dibenzofuran	15.17	168	422721	41.228	ng		99
56) 4-Nitrophenol	14.98	139	133519	81.941	ng		92
57) 2,4-Dinitrotoluene	15.14	165	108233	42.509	ng		90
58) Fluorene	15.82	166	329591	40.890	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	101708	45.571	ng		98
60) Diethylphthalate	15.57	149	353719	41.803	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	178385	41.473	ng		95
62) 4-Nitroaniline	15.85	138	83356	42.212	ng		98
63) Azobenzene	16.10	77	322892	42.097	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	61970	41.170	ng		98
66) n-Nitrosodiphenylamine	16.02	169	304482	41.314	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	115886	40.668	ng		97
68) Hexachlorobenzene	16.81	284	118224	40.025	ng		98
69) Atrazine	16.96	200	126553	43.631	ng		96
70) Pentachlorophenol	17.16	266	150642	80.755	ng		97
71) Phenanthrene	17.56	178	573912	40.929	ng		99
72) Anthracene	17.66	178	578619	42.345	ng		99
73) Carbazole	17.93	167	523694	42.512	ng		98
74) Di-n-butylphthalate	18.46	149	643613	44.406	ng		99
75) Fluoranthene	19.57	202	723217	43.642	ng		99
77) Benzidine	19.75	184	278578	31.509	ng		100
78) Pyrene	19.93	202	726821	40.146	ng		99
80) Butylbenzylphthalate	20.79	149	305837	43.603	ng		94
81) Benzo(a)anthracene	21.79	228	706307	40.450	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	168967	26.504	ng		97
83) Chrysene	21.86	228	682645	40.326	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	428426	43.466	ng	#	98
85) Di-n-octyl phthalate	22.90	149	737992	45.220	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	810925	42.226	ng	#	97
88) Benzo(b)fluoranthene	24.09	252	706640	45.205	ng		99
89) Benzo(k)fluoranthene	24.17	252	685313	47.097	ng		99
90) Benzo(a)pyrene	25.02	252	696613	48.226	ng	#	97
91) Dibenzo(a,h)anthracene	29.11	278	656254	46.342	ng		97
92) Benzo(g,h,i)perylene	30.27	276	668020	46.970	ng		99

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

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