Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
Data File : BG039810.D
Acq On : 7 Mar 2019 20:06
Operator : JU/SJ
Sample : K1757-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-6CD-SMS

Manual Integrations APPROVED
Sohil
3/8/2019 10:48:48 AM

Quant Time: Mar 08 01:41:48 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	42792	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	193091	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	131890	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335136	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	336394	20.00	ng	-0.01
87) Perylene-d12	25.18	264	351640	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	347979	138.73	ng	-0.01
7) Phenol-d6	7.30	99	469221	125.46	ng	-0.01
23) Nitrobenzene-d5	9.33	82	324193	90.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	226701	147.47	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	783333	84.57	ng	-0.01
79) Terphenyl-d14	20.12	244	1311765	85.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	38269	33.047	ng	# 38
3) Pyridine	4.01	79	91179	29.411	ng	95
4) n-Nitrosodimethylamine	3.91	42	56656	38.522	ng	85
6) Aniline	7.48	93	84039	17.151	ng	98
8) 2-Chlorophenol	7.72	128	125184	41.138	ng	94
9) Benzaldehyde	7.30	77	72109	29.889	ng	97
10) Phenol	7.33	94	149390	36.871	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	124394	39.378	ng	96
12) 1,3-Dichlorobenzene	8.04	146	125708	36.526	ng	96
13) 1,4-Dichlorobenzene	8.19	146	129638	36.980	ng	99
14) 1,2-Dichlorobenzene	8.51	146	125853	37.157	ng	98
15) Benzyl Alcohol	8.39	79	123861	41.749	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	242261	38.345	ng	97
17) 2-Methylphenol	8.59	107	110334	42.707	ng	99
18) Hexachloroethane	9.24	117	46343	36.843	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	102076	37.918	ng	92
20) 3+4-Methylphenols	8.92	107	152757	42.562	ng	98
22) Acetophenone	8.98	105	195290	37.683	ng	# 95
24) Nitrobenzene	9.38	77	151909	40.559	ng	98
25) Isophorone	9.89	82	299397	40.022	ng	99
26) 2-Nitrophenol	10.09	139	73559	40.677	ng	97
27) 2,4-Dimethylphenol	10.13	122	134924	47.974	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	177045	38.945	ng	95
29) 2,4-Dichlorophenol	10.62	162	145175	45.847	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	138417	38.846	ng	99
31) Naphthalene	11.03	128	399142	39.042	ng	99
32) Benzoic acid	10.26	122	65251	35.743	ng	90
33) 4-Chloroaniline	11.14	127	21324	4.919	ng	94
34) Hexachlorobutadiene	11.29	225	88938	36.527	ng	92
35) Caprolactam	11.92	113	38340m	31.696	ng	
36) 4-Chloro-3-methylphenol	12.24	107	158238	43.593	ng	96
37) 2-Methylnaphthalene	12.62	142	310012	40.560	ng	98
38) 1-Methylnaphthalene	12.84	142	298384	40.171	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	171374	38.355	ng	98

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Quant Time: Mar 08 01:41:48 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)
41) Hexachlorocyclopentadiene	12.95	237	193340	80.744	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	123248	47.115	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	134046	45.462	ng		98
46) 1,1'-Biphenyl	13.62	154	427520	39.411	ng		100
47) 2-Chloronaphthalene	13.66	162	333033	40.809	ng		97
48) 2-Nitroaniline	13.88	65	118151	45.051	ng		94
49) Acenaphthylene	14.51	152	541128	40.393	ng		99
50) Dimethylphthalate	14.23	163	461202	41.819	ng		99
51) 2,6-Dinitrotoluene	14.36	165	104257	44.593	ng		97
52) Acenaphthene	14.84	154	326298	40.468	ng		97
53) 3-Nitroaniline	14.69	138	37253	15.851	ng	#	97
54) 2,4-Dinitrophenol	14.90	184	69186	49.097	ng		99
55) Dibenzofuran	15.18	168	543490	41.083	ng		99
56) 4-Nitrophenol	14.99	139	160465	76.325	ng		90
57) 2,4-Dinitrotoluene	15.14	165	148481	45.198	ng	#	88
58) Fluorene	15.83	166	436566	41.978	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	133103	46.222	ng		99
60) Diethylphthalate	15.58	149	470167	43.066	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	230657	41.563	ng		98
62) 4-Nitroaniline	15.86	138	104433	40.988	ng		95
63) Azobenzene	16.10	77	427291	43.176	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	67266	33.946	ng		98
66) n-Nitrosodiphenylamine	16.03	169	406732	41.921	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	152795	40.731	ng		94
68) Hexachlorobenzene	16.82	284	157183	40.423	ng		97
69) Atrazine	16.97	200	161900	42.399	ng		95
70) Pentachlorophenol	17.16	266	182436	74.289	ng		98
71) Phenanthrene	17.57	178	744633	40.338	ng		99
72) Anthracene	17.66	178	759354	42.213	ng		99
73) Carbazole	17.93	167	669087	41.258	ng		98
74) Di-n-butylphthalate	18.46	149	822060	43.084	ng		99
75) Fluoranthene	19.57	202	896017	41.071	ng		99
77) Benzidine	19.75	184	140540	13.166	ng		98
78) Pyrene	19.93	202	899884	41.168	ng		100
80) Butylbenzylphthalate	20.80	149	380983	44.987	ng		95
81) Benzo(a)anthracene	21.79	228	849218	40.280	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	119669	15.547	ng		99
83) Chrysene	21.86	228	819028	40.072	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	526305	44.225	ng		100
85) Di-n-octyl phthalate	22.92	149	900599	45.705	ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	996839	42.991	ng	#	95
88) Benzo(b)fluoranthene	24.10	252	856789	40.860	ng		98
89) Benzo(k)fluoranthene	24.18	252	837858	42.925	ng		99
90) Benzo(a)pyrene	25.02	252	846701	43.697	ng		98
91) Dibenzo(a,h)anthracene	29.13	278	807536	42.511	ng		99
92) Benzo(g,h,i)perylene	30.29	276	816877	42.818	ng		97

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

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