Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040032.D
Acq On : 20 Mar 2019 10:33
Operator : JU/SJ
Sample : K1956-04MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7MS

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:27 PM

Quant Time: Mar 20 11:29:04 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	32315	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	144624	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	103749	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	267184	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	266192	20.00	ng		-0.02
87) Perylene-d12	25.15	264	274870	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	268151	141.57	ng		-0.02
7) Phenol-d6	7.29	99	361196	127.89	ng		-0.02
23) Nitrobenzene-d5	9.32	82	268164	100.28	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	185921	153.75	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	626707	86.01	ng		-0.02
79) Terphenyl-d14	20.11	244	1134168	93.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	28486	32.574	ng	#	1
3) Pyridine	3.99	79	76373	32.622	ng		98
4) n-Nitrosodimethylamine	3.90	42	47370	42.651	ng	#	97
6) Aniline	7.47	93	49659	13.420	ng		97
8) 2-Chlorophenol	7.70	128	103619	45.091	ng		97
9) Benzaldehyde	7.28	77	35474	19.471	ng		96
10) Phenol	7.32	94	119971	39.210	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	103968	43.583	ng		95
12) 1,3-Dichlorobenzene	8.03	146	107032	41.182	ng		98
13) 1,4-Dichlorobenzene	8.18	146	109196	41.248	ng		98
14) 1,2-Dichlorobenzene	8.50	146	105509	41.250	ng		99
15) Benzyl Alcohol	8.39	79	106359	47.473	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	215660	45.201	ng		99
17) 2-Methylphenol	8.58	107	91274	46.784	ng		99
18) Hexachloroethane	9.23	117	40762	42.912	ng		93
19) n-Nitroso-di-n-propylamine	8.94	70	89168	43.863	ng		97
20) 3+4-Methylphenols	8.91	107	126842	46.800	ng		98
22) Acetophenone	8.97	105	165171	42.552	ng	#	95
24) Nitrobenzene	9.37	77	131822	46.991	ng		99
25) Isophorone	9.88	82	268776	47.970	ng		100
26) 2-Nitrophenol	10.07	139	63310	46.742	ng	#	88
27) 2,4-Dimethylphenol	10.12	122	112559	53.434	ng		95
28) bis(2-Chloroethoxy)methane	10.36	93	153822	45.176	ng		98
29) 2,4-Dichlorophenol	10.61	162	123106	51.906	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	115490	43.274	ng		99
31) Naphthalene	11.01	128	346123	45.202	ng		100
32) Benzoic acid	10.21	122	2597m	8.147	ng		
33) 4-Chloroaniline	11.13	127	9147	2.817	ng		96
34) Hexachlorobutadiene	11.27	225	73756	40.443	ng		95
35) Caprolactam	11.91	113	31415m	34.675	ng		
36) 4-Chloro-3-methylphenol	12.23	107	138661	51.002	ng		95
37) 2-Methylnaphthalene	12.61	142	264007	46.117	ng		97
38) 1-Methylnaphthalene	12.83	142	252657	45.414	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	143111	40.717	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	170453	90.495	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	102282	49.706	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	112655	48.570	ng		95
46) 1,1'-Biphenyl	13.60	154	368064	43.133	ng		100
47) 2-Chloronaphthalene	13.66	162	282873	44.065	ng		100
48) 2-Nitroaniline	13.86	65	105786	51.277	ng		98
49) Acenaphthylene	14.50	152	465607	44.183	ng		100
50) Dimethylphthalate	14.22	163	405301	46.718	ng		99
51) 2,6-Dinitrotoluene	14.35	165	90969	49.463	ng		96
52) Acenaphthene	14.84	154	288248	45.446	ng		99
53) 3-Nitroaniline	14.68	138	16922	9.153	ng	#	92
54) 2,4-Dinitrophenol	14.88	184	26769	26.820	ng		93
55) Dibenzofuran	15.17	168	468999	45.068	ng		97
56) 4-Nitrophenol	14.98	139	130844	79.117	ng		92
57) 2,4-Dinitrotoluene	15.14	165	128879	49.872	ng		92
58) Fluorene	15.81	166	375978	45.958	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	118029	52.105	ng		99
60) Diethylphthalate	15.56	149	421143	49.038	ng		100
61) 4-Chlorophenyl-phenylether	15.80	204	198859	45.552	ng		99
62) 4-Nitroaniline	15.85	138	91055	45.431	ng		98
63) Azobenzene	16.09	77	384206	49.353	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	34321	21.725	ng		94
66) n-Nitrosodiphenylamine	16.02	169	354756	45.864	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	132715	44.376	ng		98
68) Hexachlorobenzene	16.81	284	135322	43.652	ng		98
69) Atrazine	16.96	200	146705	48.191	ng		95
70) Pentachlorophenol	17.16	266	131697	67.267	ng		97
71) Phenanthrene	17.56	178	668096	45.397	ng		99
72) Anthracene	17.65	178	675031	47.069	ng		99
73) Carbazole	17.92	167	595074	46.027	ng		99
74) Di-n-butylphthalate	18.45	149	730535	48.024	ng		100
75) Fluoranthene	19.56	202	795371	45.730	ng		99
77) Benzidine	19.74	184	57841	6.847	ng		96
78) Pyrene	19.92	202	798919	46.187	ng		99
80) Butylbenzylphthalate	20.79	149	332798	49.661	ng		94
81) Benzo(a)anthracene	21.78	228	754715	45.239	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	77698	12.756	ng		98
83) Chrysene	21.85	228	723247	44.717	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	462121	49.072	ng		99
85) Di-n-octyl phthalate	22.89	149	791045	50.732	ng		97
86) Indeno(1,2,3-cd)pyrene	29.02	276	871231	47.483	ng	#	96
88) Benzo(b)fluoranthene	24.08	252	768499	46.885	ng		97
89) Benzo(k)fluoranthene	24.16	252	732301	47.996	ng		99
90) Benzo(a)pyrene	25.01	252	743053	49.059	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	708064	47.685	ng		98
92) Benzo(g,h,i)perylene	30.25	276	724462	48.579	ng		97

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

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