Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043490.D
Acq On : 4 Nov 2019 21:02
Operator : JU
Sample : K5658-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-30-SMSD

Manual Integrations APPROVED
mohammad
11/5/2019 10:41:13 AM

Quant Time: Nov 05 02:19:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28623	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	110298	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	87698	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	247851	20.00	ng		0.00
76) Chrysene-d12	21.66	240	290080	20.00	ng		0.00
87) Perylene-d12	24.85	264	347849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	172207	110.25	ng		0.00
7) Phenol-d6	7.20	99	244304	108.71	ng		0.00
23) Nitrobenzene-d5	9.17	82	143017	66.85	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	189173	113.35	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	411402	64.82	ng		0.00
79) Terphenyl-d14	20.00	244	1088089	70.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	21050	34.582	ng	#	94
3) Pyridine	3.87	79	51711	33.677	ng		96
4) n-Nitrosodimethylamine	3.78	42	31411	40.540	ng	#	93
6) Aniline	7.34	93	44624	17.237	ng		98
8) 2-Chlorophenol	7.58	128	70900	41.119	ng		96
9) Benzaldehyde	7.15	77	35626	32.257	ng		96
10) Phenol	7.22	94	96171	46.830	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	54302	34.201	ng		96
12) 1,3-Dichlorobenzene	7.90	146	77720	35.975	ng		98
13) 1,4-Dichlorobenzene	8.04	146	83225	38.076	ng		94
14) 1,2-Dichlorobenzene	8.36	146	77879	36.491	ng		96
15) Benzyl Alcohol	8.26	79	63091	39.973	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	73223	31.716	ng		98
17) 2-Methylphenol	8.47	107	60057	40.116	ng		98
18) Hexachloroethane	9.09	117	26962	34.190	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	51682	35.589	ng		95
20) 3+4-Methylphenols	8.80	107	80683	39.302	ng		98
22) Acetophenone	8.83	105	103921	36.791	ng	#	96
24) Nitrobenzene	9.22	77	76955	37.759	ng	#	96
25) Isophorone	9.73	82	149628	38.253	ng		97
26) 2-Nitrophenol	9.93	139	41415	42.091	ng		94
27) 2,4-Dimethylphenol	10.00	122	68622	48.659	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	78965	36.578	ng		97
29) 2,4-Dichlorophenol	10.48	162	76843	42.527	ng		91
30) 1,2,4-Trichlorobenzene	10.68	180	83123	36.499	ng		96
31) Naphthalene	10.87	128	219169	39.147	ng		99
32) Benzoic acid	10.15	122	37202	37.084	ng		93
33) 4-Chloroaniline	10.99	127	26758	11.659	ng		98
34) Hexachlorobutadiene	11.15	225	57067	33.898	ng		99
35) Caprolactam	11.74	113	29672m	47.680	ng		
36) 4-Chloro-3-methylphenol	12.11	107	90126	45.727	ng		97
37) 2-Methylnaphthalene	12.47	142	174793	40.690	ng		95
38) 1-Methylnaphthalene	12.69	142	167444	40.967	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	111566	34.375	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	95765	56.170	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	77828	40.719	ng		93
44) 2,4,5-Trichlorophenol	13.16	196	86368	44.696	ng		99
46) 1,1'-Biphenyl	13.47	154	240372	36.029	ng		99
47) 2-Chloronaphthalene	13.52	162	184144	36.276	ng		99
48) 2-Nitroaniline	13.72	65	59954	39.517	ng		99
49) Acenaphthylene	14.36	152	319700	40.466	ng		98
50) Dimethylphthalate	14.09	163	346319	50.983	ng		99
51) 2,6-Dinitrotoluene	14.21	165	60779	41.186	ng		96
52) Acenaphthene	14.70	154	188688	39.164	ng		97
53) 3-Nitroaniline	14.55	138	26154	18.356	ng		96
54) 2,4-Dinitrophenol	14.76	184	71034	77.349	ng		96
55) Dibenzofuran	15.04	168	319589	40.905	ng		99
56) 4-Nitrophenol	14.89	139	101672	106.486	ng		94
57) 2,4-Dinitrotoluene	15.00	165	93869	44.509	ng	#	96
58) Fluorene	15.69	166	272496	41.584	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	91397	44.518	ng		97
60) Diethylphthalate	15.46	149	284544	41.689	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	152631	39.926	ng		98
62) 4-Nitroaniline	15.72	138	62967	42.793	ng		96
63) Azobenzene	15.97	77	233086	42.196	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	58542	40.136	ng		98
66) n-Nitrosodiphenylamine	15.90	169	255151	36.463	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	115139	34.519	ng		96
68) Hexachlorobenzene	16.70	284	131779	34.418	ng		100
69) Atrazine	16.84	200	119757	49.253	ng		95
70) Pentachlorophenol	17.05	266	142992	81.962	ng		98
71) Phenanthrene	17.43	178	482010	37.978	ng		99
72) Anthracene	17.52	178	503220	39.629	ng		98
73) Carbazole	17.79	167	474075	41.226	ng		98
74) Di-n-butylphthalate	18.34	149	552123	39.571	ng		99
75) Fluoranthene	19.44	202	678937	41.033	ng		99
77) Benzidine	19.62	184	273707	46.884	ng		99
78) Pyrene	19.80	202	683876	38.087	ng		100
80) Butylbenzylphthalate	20.68	149	260004	38.221	ng		95
81) Benzo(a)anthracene	21.64	228	726008	39.956	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	139454	19.843	ng		97
83) Chrysene	21.70	228	708143	39.224	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	382721	39.606	ng		98
85) Di-n-octyl phthalate	22.74	149	676300	41.252	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	959202	42.327	ng		100
88) Benzo(b)fluoranthene	23.84	252	771162	39.143	ng		100
89) Benzo(k)fluoranthene	23.91	252	783147	39.487	ng		98
90) Benzo(a)pyrene	24.70	252	726624	38.623	ng		100
91) Dibenzo(a,h)anthracene	28.55	278	809804	42.083	ng		98
92) Benzo(g,h,i)perylene	29.63	276	798778	42.082	ng		98

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

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