Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043595.D
Acq On : 11 Nov 2019 22:34
Operator : JU
Sample : K5782-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2A-COMPMSD

Manual Integrations APPROVED
mohammad
11/12/2019 5:04:15 PM

Quant Time: Nov 12 02:57:56 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	8.00	152	31036	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	136162	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	107937	20.00	ng		-0.01
64) Phenanthrene-d10	17.38	188	272780	20.00	ng		-0.01
76) Chrysene-d12	21.65	240	234743	20.00	ng		-0.01
87) Perylene-d12	24.83	264	255159	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	173588	102.49	ng		0.00
7) Phenol-d6	7.20	99	257537	105.69	ng		0.00
23) Nitrobenzene-d5	9.17	82	155125	58.73	ng		-0.01
42) 2,4,6-Tribromophenol	16.13	330	171580	83.53	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	439813	56.30	ng		-0.01
79) Terphenyl-d14	19.99	244	941745	75.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	17840	27.030	ng	#	89
3) Pyridine	3.87	79	47928	28.787	ng		97
4) n-Nitrosodimethylamine	3.78	42	35237	41.942	ng	#	83
6) Aniline	7.33	93	76238	27.159	ng		94
8) 2-Chlorophenol	7.58	128	87781	46.951	ng		97
9) Benzaldehyde	7.14	77	39509	32.991	ng		90
10) Phenol	7.23	94	122017	54.796	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	68423	39.744	ng		98
12) 1,3-Dichlorobenzene	7.89	146	87114	37.188	ng		99
13) 1,4-Dichlorobenzene	8.04	146	90753	38.292	ng		96
14) 1,2-Dichlorobenzene	8.35	146	87964	38.012	ng		95
15) Benzyl Alcohol	8.25	79	80863	47.250	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	94709	37.833	ng		96
17) 2-Methylphenol	8.47	107	77405	47.684	ng		94
18) Hexachloroethane	9.08	117	31588	36.941	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	65191	41.401	ng		94
20) 3+4-Methylphenols	8.80	107	103170	46.349	ng		92
22) Acetophenone	8.83	105	130462	37.414	ng	#	92
24) Nitrobenzene	9.21	77	98740	39.245	ng	#	98
25) Isophorone	9.72	82	194357	40.250	ng		99
26) 2-Nitrophenol	9.92	139	51985	42.798	ng	#	89
27) 2,4-Dimethylphenol	9.99	122	88226	50.677	ng		93
28) bis(2-Chloroethoxy)methane	10.21	93	104877	39.353	ng		99
29) 2,4-Dichlorophenol	10.48	162	99067	44.412	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	102606	36.496	ng		95
31) Naphthalene	10.86	128	273087	39.512	ng		98
32) Benzoic acid	10.19	122	48556	38.690	ng		98
33) 4-Chloroaniline	10.98	127	47292	16.693	ng		97
34) Hexachlorobutadiene	11.14	225	72435	34.854	ng		94
35) Caprolactam	11.75	113	34928m	45.465	ng		
36) 4-Chloro-3-methylphenol	12.12	107	113390	46.602	ng		99
37) 2-Methylnaphthalene	12.46	142	219323	41.358	ng		95
38) 1-Methylnaphthalene	12.68	142	208341	41.290	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	140670	35.215	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	140078	66.755	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	93401	39.704	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	105215	44.240	ng		96
46) 1,1'-Biphenyl	13.47	154	302194	36.802	ng		97
47) 2-Chloronaphthalene	13.51	162	234625	37.554	ng		99
48) 2-Nitroaniline	13.72	65	75192	40.268	ng		96
49) Acenaphthylene	14.35	152	395109	40.634	ng		99
50) Dimethylphthalate	14.09	163	364498	43.598	ng		99
51) 2,6-Dinitrotoluene	14.21	165	75671	41.662	ng		99
52) Acenaphthene	14.69	154	231174	38.985	ng		96
53) 3-Nitroaniline	14.55	138	39358	22.444	ng		94
54) 2,4-Dinitrophenol	14.75	184	85749	76.004	ng		99
55) Dibenzofuran	15.03	168	386151	40.157	ng		96
56) 4-Nitrophenol	14.89	139	104411	88.850	ng		91
57) 2,4-Dinitrotoluene	15.00	165	109307	42.111	ng		96
58) Fluorene	15.68	166	325757	40.390	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	107643	42.600	ng		95
60) Diethylphthalate	15.45	149	335059	39.886	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	186151	39.564	ng		97
62) 4-Nitroaniline	15.72	138	74886	41.350	ng		98
63) Azobenzene	15.96	77	280500	41.258	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	68776	42.843	ng		94
66) n-Nitrosodiphenylamine	15.89	169	295295	38.344	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	136715	37.242	ng		95
68) Hexachlorobenzene	16.69	284	150127	35.627	ng		93
69) Atrazine	16.84	200	133735	49.975	ng		97
70) Pentachlorophenol	17.04	266	150483	78.373	ng		99
71) Phenanthrene	17.42	178	538136	38.525	ng		99
72) Anthracene	17.51	178	559176	40.011	ng		99
73) Carbazole	17.79	167	508863	40.207	ng		100
74) Di-n-butylphthalate	18.33	149	612227	39.868	ng		99
75) Fluoranthene	19.43	202	732112	40.203	ng		99
77) Benzidine	19.61	184	221286	46.840	ng		98
78) Pyrene	19.79	202	729897	50.233	ng		100
80) Butylbenzylphthalate	20.68	149	239073	43.429	ng		98
81) Benzo(a)anthracene	21.63	228	611772	41.605	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	100682	17.703	ng		100
83) Chrysene	21.69	228	585249	40.059	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	293062	37.477	ng		99
85) Di-n-octyl phthalate	22.72	149	502625	37.885	ng		100
86) Indeno(1,2,3-cd)pyrene	28.46	276	698082	38.066	ng	#	99
88) Benzo(b)fluoranthene	23.82	252	580676	40.181	ng		99
89) Benzo(k)fluoranthene	23.88	252	577383	39.687	ng		99
90) Benzo(a)pyrene	24.68	252	539206	39.073	ng		98
91) Dibenzo(a,h)anthracene	28.52	278	594950	42.149	ng		99
92) Benzo(g,h,i)perylene	29.59	276	588626	42.276	ng		98

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

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