Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043580.D
Acq On : 8 Nov 2019 21:54
Operator : JU
Sample : K5742-11MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-38-(2-4)MS

Manual Integrations APPROVED
mohammad
11/11/2019 4:52:02 PM

Quant Time: Nov 11 03:46:50 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	25098	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	97933	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	72177	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	185048	20.00	ng		0.00
76) Chrysene-d12	21.65	240	193941	20.00	ng		0.00
87) Perylene-d12	24.84	264	225877	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	189267	138.19	ng		0.00
7) Phenol-d6	7.21	99	270781	137.41	ng		0.00
23) Nitrobenzene-d5	9.17	82	160569	84.53	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	179955	131.02	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	422751	80.93	ng		0.00
79) Terphenyl-d14	19.99	244	889175	86.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	21646	40.555	ng		97
3) Pyridine	3.86	79	53876	40.015	ng		95
4) n-Nitrosodimethylamine	3.78	42	34290	50.471	ng	#	95
6) Aniline	7.34	93	45611	20.093	ng		93
8) 2-Chlorophenol	7.58	128	75996	50.264	ng		99
9) Benzaldehyde	7.14	77	35879	37.048	ng		96
10) Phenol	7.23	94	104060	57.788	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	58868	42.284	ng		97
12) 1,3-Dichlorobenzene	7.89	146	85386	45.075	ng		99
13) 1,4-Dichlorobenzene	8.04	146	84381	44.027	ng		95
14) 1,2-Dichlorobenzene	8.36	146	82433	44.050	ng		96
15) Benzyl Alcohol	8.25	79	65340	47.213	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83919	41.454	ng		98
17) 2-Methylphenol	8.48	107	62029	47.252	ng		95
18) Hexachloroethane	9.09	117	30488	44.091	ng		98
19) n-Nitroso-di-n-propylamine	8.80	70	53776	42.232	ng		96
20) 3+4-Methylphenols	8.80	107	86087	47.824	ng		89
22) Acetophenone	8.83	105	108020	43.071	ng	#	94
24) Nitrobenzene	9.21	77	85734	47.378	ng	#	97
25) Isophorone	9.73	82	153452	44.184	ng		100
26) 2-Nitrophenol	9.93	139	44077	50.452	ng	#	94
27) 2,4-Dimethylphenol	10.00	122	72471	57.877	ng		93
28) bis(2-Chloroethoxy)methane	10.21	93	83796	43.716	ng		94
29) 2,4-Dichlorophenol	10.48	162	79297	49.426	ng		90
30) 1,2,4-Trichlorobenzene	10.67	180	87552	43.298	ng		98
31) Naphthalene	10.86	128	232790	46.829	ng		100
32) Benzoic acid	10.19	122	38868	42.038	ng		95
33) 4-Chloroaniline	10.99	127	26712	13.109	ng		97
34) Hexachlorobutadiene	11.14	225	62249	41.645	ng		98
35) Caprolactam	11.74	113	26968m	48.807	ng		
36) 4-Chloro-3-methylphenol	12.12	107	88052	50.315	ng		93
37) 2-Methylnaphthalene	12.46	142	179272	47.001	ng		97
38) 1-Methylnaphthalene	12.68	142	171540	47.268	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	117108	43.841	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102039	72.720	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	75358	47.905	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	79863	50.217	ng		97
46) 1,1'-Biphenyl	13.47	154	241761	44.030	ng		98
47) 2-Chloronaphthalene	13.51	162	188429	45.102	ng		98
48) 2-Nitroaniline	13.72	65	59881	47.956	ng		94
49) Acenaphthylene	14.36	152	316160	48.624	ng		100
50) Dimethylphthalate	14.09	163	300222	53.701	ng		98
51) 2,6-Dinitrotoluene	14.21	165	58111	47.846	ng		99
52) Acenaphthene	14.70	154	188745	47.600	ng		96
53) 3-Nitroaniline	14.55	138	27120	23.128	ng		96
54) 2,4-Dinitrophenol	14.76	184	50196	67.442	ng		90
55) Dibenzofuran	15.03	168	309202	48.085	ng		99
56) 4-Nitrophenol	14.90	139	84034	106.939	ng		93
57) 2,4-Dinitrotoluene	15.00	165	86924	50.079	ng	#	97
58) Fluorene	15.68	166	262510	48.674	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	80866	47.859	ng		92
60) Diethylphthalate	15.45	149	256106	45.592	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	148255	47.121	ng		99
62) 4-Nitroaniline	15.71	138	56887	46.974	ng		94
63) Azobenzene	15.97	77	225358	49.570	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	46893	43.060	ng		94
66) n-Nitrosodiphenylamine	15.89	169	234659	44.916	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	109060	43.793	ng		97
68) Hexachlorobenzene	16.70	284	120517	42.160	ng		98
69) Atrazine	16.84	200	105117	57.904	ng		99
70) Pentachlorophenol	17.04	266	112198	86.137	ng		98
71) Phenanthrene	17.42	178	436148	46.027	ng		99
72) Anthracene	17.52	178	460224	48.543	ng		98
73) Carbazole	17.79	167	406458	47.342	ng		98
74) Di-n-butylphthalate	18.34	149	477267	45.815	ng		98
75) Fluoranthene	19.43	202	578018	46.789	ng		99
77) Benzidine	19.62	184	162645	41.670	ng		98
78) Pyrene	19.80	202	583371	48.595	ng		99
80) Butylbenzylphthalate	20.68	149	211405	46.482	ng		97
81) Benzo(a)anthracene	21.63	228	581649	47.879	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	115896	24.665	ng		99
83) Chrysene	21.70	228	568626	47.110	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	303896	47.038	ng		99
85) Di-n-octyl phthalate	22.72	149	528504	48.217	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	739334	48.797	ng		99
88) Benzo(b)fluoranthene	23.83	252	600336	46.927	ng		99
89) Benzo(k)fluoranthene	23.89	252	626297	48.630	ng		100
90) Benzo(a)pyrene	24.69	252	573172	46.918	ng		99
91) Dibenzo(a,h)anthracene	28.53	278	626145	50.110	ng		98
92) Benzo(g,h,i)perylene	29.62	276	616243	49.997	ng		99

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

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