Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036504.D
Acq On : 31 Aug 2018 13:54
Operator : JU/SJ
Sample : J4663-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
6722AAMS

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:26 PM

Quant Time: Aug 31 14:54:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59624	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	249476	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	169264	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	446376	20.00	ng		0.00
75) Chrysene-d12	21.70	240	464964	20.00	ng		0.00
86) Perylene-d12	24.90	264	493869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	439228	116.86	ng		0.00
7) Phenol-d6	7.22	99	573225	106.52	ng		0.00
23) Nitrobenzene-d5	9.22	82	408297	88.80	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	293730	145.43	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	919322	77.55	ng		0.00
78) Terphenyl-d14	20.03	244	1634472	82.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	50850	28.989	ng	#	89
3) Pyridine	3.94	79	125998	25.590	ng		96
4) n-Nitrosodimethylamine	3.85	42	77678	35.420	ng		93
6) Aniline	7.38	93	59603	8.726	ng		94
8) 2-Chlorophenol	7.62	128	158252	38.825	ng		98
9) Benzaldehyde	7.20	77	34743	9.375	ng		98
10) Phenol	7.24	94	196879	34.959	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	159836	35.800	ng		97
12) 1,3-Dichlorobenzene	7.95	146	166415	35.755	ng		97
13) 1,4-Dichlorobenzene	8.09	146	166641	35.462	ng		98
14) 1,2-Dichlorobenzene	8.41	146	159366	35.512	ng		97
15) Benzyl Alcohol	8.29	79	150584	34.711	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	296958	32.981	ng		99
17) 2-Methylphenol	8.49	107	145359	38.872	ng		98
18) Hexachloroethane	9.15	117	61833	36.701	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	136304	33.890	ng		94
20) 3+4-Methylphenols	8.82	107	194926	37.336	ng		96
22) Acetophenone	8.88	105	254607	38.865	ng	#	99
24) Nitrobenzene	9.26	77	203157	40.974	ng		97
25) Isophorone	9.79	82	385498	42.203	ng		97
26) 2-Nitrophenol	9.97	139	84979	43.251	ng		96
27) 2,4-Dimethylphenol	10.03	122	165135	45.397	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	223525	39.873	ng		99
29) 2,4-Dichlorophenol	10.51	162	179888	45.123	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	178852	38.350	ng		100
31) Naphthalene	10.91	128	525267	42.119	ng		99
32) Benzoic acid	10.15	122	79158	31.092	ng		96
34) Hexachlorobutadiene	11.20	225	120615	38.493	ng		99
35) Caprolactam	11.78	113	51492m	32.424	ng		
36) 4-Chloro-3-methylphenol	12.14	107	198639	42.882	ng		98
37) 2-Methylnaphthalene	12.51	142	402053	44.060	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	228769	38.192	ng		99
40) Hexachlorocyclopentadiene	12.87	237	253468	81.328	ng		100
42) 2,4,6-Trichlorophenol	13.12	196	153336	42.023	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.19	196	165463	42.515 ng	99
45) 1,1'-Biphenyl	13.52	154	521638	37.127 ng	98
46) 2-Chloronaphthalene	13.56	162	402494	37.524 ng	99
47) 2-Nitroaniline	13.76	65	137137	40.715 ng	96
48) Acenaphthylene	14.41	152	689752	41.146 ng	100
49) Dimethylphthalate	14.14	163	653608	47.290 ng	100
50) 2,6-Dinitrotoluene	14.26	165	120526	42.378 ng	92
51) Acenaphthene	14.75	154	444441	41.397 ng	98
52) 3-Nitroaniline	14.58	138	15202	4.960 ng	95
53) 2,4-Dinitrophenol	14.79	184	75287	69.887 ng	97
54) Dibenzofuran	15.08	168	657450	39.088 ng	99
55) 4-Nitrophenol	14.89	139	183524	73.237 ng	98
56) 2,4-Dinitrotoluene	15.04	165	173737	46.872 ng	90
57) Fluorene	15.73	166	536736	42.687 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	170314	46.577 ng	97
59) Diethylphthalate	15.50	149	556240	39.934 ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	307258	39.574 ng	99
61) 4-Nitroaniline	15.74	138	113580	35.415 ng	93
62) Azobenzene	16.01	77	537349	37.915 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	72942	37.199 ng	92
65) n-Nitrosodiphenylamine	15.94	169	482941	36.412 ng	99
66) 4-Bromophenyl-phenylether	16.61	248	202575	38.762 ng	97
67) Hexachlorobenzene	16.73	284	204364	38.242 ng	99
68) Atrazine	16.88	200	173411	34.833 ng	100
69) Pentachlorophenol	17.07	266	242869	66.871 ng	97
70) Phenanthrene	17.47	178	928573	40.939 ng	98
71) Anthracene	17.56	178	932582	41.247 ng	98
72) Carbazole	17.82	167	845942	37.464 ng	98
73) Di-n-butylphthalate	18.39	149	959057	38.142 ng	99
74) Fluoranthene	19.48	202	1135197	41.050 ng	99
76) Benzidine	19.67	184	65102m	4.389 ng	
77) Pyrene	19.83	202	1123839	39.305 ng	98
79) Butylbenzylphthalate	20.72	149	451323	39.663 ng	98
80) Benzo(a)anthracene	21.67	228	1150449	40.842 ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	98346	8.760 ng	97
82) Chrysene	21.74	228	1064212	39.859 ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	631966	39.688 ng	99
84) Di-n-octyl phthalate	22.80	149	1070566	40.252 ng	96
85) Indeno(1,2,3-cd)pyrene	28.56	276	1296727	41.815 ng	98
87) Benzo(b)fluoranthene	23.89	252	1164084	42.447 ng	98
88) Benzo(k)fluoranthene	23.96	252	1095359	40.883 ng	99
89) Benzo(a)pyrene	24.76	252	1120101	42.503 ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1053402	41.405 ng	98
91) Benzo(g,h,i)perylene	29.71	276	1062996	41.578 ng	97

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

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