Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
Data File : BG037057.D
Acq On : 28 Sep 2018 19:43
Operator : JU/SJ
Sample : J4771-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-092718MS

Manual Integrations APPROVED
Sohil
10/1/2018 4:20:40 PM

Quant Time: Oct 01 02:22:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44111	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	178041	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	112165	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	282953	20.00	ng		0.00
75) Chrysene-d12	21.68	240	297116	20.00	ng		0.00
86) Perylene-d12	24.88	264	306320	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	258976	112.59	ng		0.00
7) Phenol-d6	7.20	99	343937	96.65	ng		0.00
23) Nitrobenzene-d5	9.21	82	264654	79.60	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	155534	115.90	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	542411	72.02	ng		0.00
78) Terphenyl-d14	20.02	244	994186	87.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	44058	41.861	ng	#	89
3) Pyridine	3.94	79	89847	29.565	ng		93
4) n-Nitrosodimethylamine	3.84	42	69333	51.332	ng	#	98
6) Aniline	7.37	93	65083	14.095	ng		98
8) 2-Chlorophenol	7.60	128	115882	43.390	ng		95
9) Benzaldehyde	7.18	77	62615	26.628	ng		98
10) Phenol	7.23	94	137636	37.475	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	121634	35.803	ng		97
12) 1,3-Dichlorobenzene	7.93	146	121308	37.049	ng		95
13) 1,4-Dichlorobenzene	8.07	146	121557	36.278	ng		99
14) 1,2-Dichlorobenzene	8.40	146	118971	36.639	ng		97
15) Benzyl Alcohol	8.28	79	101381	35.110	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	259640	39.808	ng		98
17) 2-Methylphenol	8.48	107	99726	38.981	ng		95
18) Hexachloroethane	9.12	117	47921	38.863	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	105318	35.576	ng		98
20) 3+4-Methylphenols	8.81	107	134294	37.733	ng		98
22) Acetophenone	8.86	105	181141	43.295	ng	#	93
24) Nitrobenzene	9.25	77	158044	44.514	ng		99
25) Isophorone	9.76	82	289428	47.643	ng		99
26) 2-Nitrophenol	9.96	139	60947	43.066	ng		95
27) 2,4-Dimethylphenol	10.01	122	106010	48.089	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	163891	43.721	ng		99
29) 2,4-Dichlorophenol	10.49	162	114813	44.928	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	125233	39.159	ng		98
31) Naphthalene	10.89	128	374050	44.155	ng		98
32) Benzoic acid	10.15	122	46113m	29.811	ng		
33) 4-Chloroaniline	11.02	127	10268	2.666	ng		94
34) Hexachlorobutadiene	11.18	225	84202	38.073	ng		99
35) Caprolactam	11.78	113	36819m	35.006	ng		
36) 4-Chloro-3-methylphenol	12.12	107	141688	46.467	ng		97
37) 2-Methylnaphthalene	12.50	142	282195	43.738	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	154611	39.521	ng		98
40) Hexachlorocyclopentadiene	12.84	237	185555	92.223	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	98669	45.419	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	106826	46.116	ng		96
45) 1,1'-Biphenyl	13.50	154	370496	43.130	ng		97
46) 2-Chloronaphthalene	13.54	162	274649	40.656	ng		98
47) 2-Nitroaniline	13.75	65	106371	45.523	ng		100
48) Acenaphthylene	14.39	152	487477	46.049	ng		99
49) Dimethylphthalate	14.12	163	388276	43.005	ng		99
50) 2,6-Dinitrotoluene	14.24	165	85303	43.304	ng		95
51) Acenaphthene	14.73	154	277859	43.430	ng		98
52) 3-Nitroaniline	14.58	138	17344	8.356	ng		99
53) 2,4-Dinitrophenol	14.78	184	89006	94.843	ng		94
54) Dibenzofuran	15.07	168	455407	42.082	ng		98
55) 4-Nitrophenol	14.88	139	123367	93.032	ng		95
56) 2,4-Dinitrotoluene	15.03	165	123104	44.786	ng		94
57) Fluorene	15.71	166	374832	46.341	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	112279	47.780	ng		98
59) Diethylphthalate	15.48	149	398724	43.786	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	205449	40.107	ng		97
61) 4-Nitroaniline	15.74	138	80770	36.993	ng		97
62) Azobenzene	16.00	77	413613	47.272	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	71040	48.022	ng		95
65) n-Nitrosodiphenylamine	15.92	169	335335	42.928	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	134038	41.647	ng		95
67) Hexachlorobenzene	16.72	284	132773	40.055	ng		97
68) Atrazine	16.86	200	117579	37.174	ng		99
69) Pentachlorophenol	17.06	266	160990	77.140	ng		96
70) Phenanthrene	17.45	178	647897	47.516	ng		99
71) Anthracene	17.54	178	665435	49.354	ng		100
72) Carbazole	17.81	167	589141	44.816	ng		98
73) Di-n-butylphthalate	18.37	149	707290	48.448	ng		99
74) Fluoranthene	19.46	202	799975	48.740	ng		99
76) Benzidine	19.69	184	19310m	2.150	ng		
77) Pyrene	19.82	202	795366	44.610	ng		100
79) Butylbenzylphthalate	20.70	149	339734	47.805	ng		99
80) Benzo(a)anthracene	21.66	228	800486	46.153	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	50330	7.624	ng		94
82) Chrysene	21.73	228	759496	45.322	ng		100
83) Bis(2-ethylhexyl)phthalate	21.56	149	473141	47.658	ng		97
84) Di-n-octyl phthalate	22.76	149	808113	49.438	ng		100
85) Indeno(1,2,3-cd)pyrene	28.53	276	899372	49.978	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	772557	47.325	ng		98
88) Benzo(k)fluoranthene	23.93	252	777005	47.443	ng		99
89) Benzo(a)pyrene	24.73	252	763683	48.389	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	720498	48.711	ng		98
91) Benzo(g,h,i)perylene	29.67	276	747476	50.353	ng		99

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

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