Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036454.D
Acq On : 28 Aug 2018 7:03
Operator : JU/SJ
Sample : J4584-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOD1-WC-S-1-0-52MSD

Manual Integrations APPROVED
Sohil
8/28/2018 11:19:57 AM

Quant Time: Aug 28 09:29:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63564	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	258303	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	164825	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	425397	20.00	ng	0.00
75) Chrysene-d12	21.70	240	437725	20.00	ng	0.00
86) Perylene-d12	24.92	264	454523	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	443777	110.75	ng	0.00
7) Phenol-d6	7.22	99	566653	98.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	399228	83.86	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	267492	136.01	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	886026	76.75	ng	0.00
78) Terphenyl-d14	20.04	244	1535040	81.97	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	51305	27.435	ng	# 85
3) Pyridine	3.95	79	107967	20.568	ng	93
4) n-Nitrosodimethylamine	3.85	42	75095	32.120	ng	89
6) Aniline	7.39	93	87470	12.011	ng	99
8) 2-Chlorophenol	7.63	128	160535	36.943	ng	99
9) Benzaldehyde	7.20	77	56728	14.359	ng	95
10) Phenol	7.25	94	189739	31.603	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	160769	33.777	ng	98
12) 1,3-Dichlorobenzene	7.95	146	156034	31.447	ng	98
13) 1,4-Dichlorobenzene	8.10	146	160818	32.102	ng	98
14) 1,2-Dichlorobenzene	8.42	146	154194	32.229	ng	98
15) Benzyl Alcohol	8.30	79	165755	35.839	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	292105	30.431	ng	98
17) 2-Methylphenol	8.50	107	148331	37.208	ng	99
18) Hexachloroethane	9.15	117	57192	31.842	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	134850	31.450	ng	95
20) 3+4-Methylphenols	8.83	107	201061	36.124	ng	99
22) Acetophenone	8.89	105	256322	37.789	ng	# 97
24) Nitrobenzene	9.27	77	197299	38.432	ng	96
25) Isophorone	9.79	82	378823	40.055	ng	98
26) 2-Nitrophenol	9.98	139	84098	41.340	ng	96
27) 2,4-Dimethylphenol	10.03	122	160587	42.638	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	223637	38.530	ng	96
29) 2,4-Dichlorophenol	10.51	162	178894	43.340	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	177136	36.684	ng	99
31) Naphthalene	10.92	128	510444	39.532	ng	98
32) Benzoic acid	10.16	122	88340	33.164	ng	98
33) 4-Chloroaniline	11.02	127	33798	5.712	ng	96
34) Hexachlorobutadiene	11.21	225	115664	35.652	ng	97
35) Caprolactam	11.79	113	47701m	29.010	ng	
36) 4-Chloro-3-methylphenol	12.14	107	193246	40.292	ng	98
37) 2-Methylnaphthalene	12.52	142	390573	41.339	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	221673	38.004	ng	98
40) Hexachlorocyclopentadiene	12.87	237	229576	75.645	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	149325	42.026 ng	98
43) 2,4,5-Trichlorophenol	13.19	196	161328	42.569 ng	98
45) 1,1'-Biphenyl	13.52	154	507039	37.059 ng	97
46) 2-Chloronaphthalene	13.57	162	392600	37.588 ng	99
47) 2-Nitroaniline	13.76	65	134215	40.921 ng	96
48) Acenaphthylene	14.41	152	655036	40.128 ng	99
49) Dimethylphthalate	14.14	163	520138	38.646 ng	98
50) 2,6-Dinitrotoluene	14.26	165	114256	41.255 ng	95
51) Acenaphthene	14.76	154	406991	38.930 ng	98
52) 3-Nitroaniline	14.59	138	68940	23.100 ng	98
53) 2,4-Dinitrophenol	14.79	184	36264	34.570 ng	97
54) Dibenzofuran	15.09	168	626992	38.281 ng	100
55) 4-Nitrophenol	14.89	139	175690	71.999 ng	99
56) 2,4-Dinitrotoluene	15.04	165	158309	43.860 ng	90
57) Fluorene	15.73	166	499702	40.812 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	163232	45.843 ng	96
59) Diethylphthalate	15.50	149	514630	37.942 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	283331	37.475 ng	97
61) 4-Nitroaniline	15.75	138	124272	39.792 ng	94
62) Azobenzene	16.02	77	499270	36.177 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	43133	23.082 ng	97
65) n-Nitrosodiphenylamine	15.94	169	457970	36.232 ng	99
66) 4-Bromophenyl-phenylether	16.62	248	186746	37.495 ng	99
67) Hexachlorobenzene	16.74	284	189397	37.189 ng	97
68) Atrazine	16.89	200	182180	38.399 ng	99
69) Pentachlorophenol	17.08	266	214563	61.990 ng	97
70) Phenanthrene	17.48	178	863999	39.971 ng	99
71) Anthracene	17.56	178	859245	39.878 ng	99
72) Carbazole	17.83	167	789498	36.689 ng	99
73) Di-n-butylphthalate	18.39	149	906248	37.819 ng	99
74) Fluoranthene	19.48	202	1066402	40.464 ng	100
76) Benzidine	19.66	184	121984	8.735 ng	99
77) Pyrene	19.84	202	1062426	39.470 ng	100
79) Butylbenzylphthalate	20.73	149	427371	39.895 ng	96
80) Benzo(a)anthracene	21.68	228	1073690	40.489 ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	216507	20.486 ng	99
82) Chrysene	21.75	228	990143	39.392 ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	585341	39.048 ng	99
84) Di-n-octyl phthalate	22.81	149	993841	39.692 ng	96
85) Indeno(1,2,3-cd)pyrene	28.58	276	1222182	41.863 ng	99
87) Benzo(b)fluoranthene	23.89	252	1061876	42.072 ng	99
88) Benzo(k)fluoranthene	23.96	252	1024247	41.538 ng	100
89) Benzo(a)pyrene	24.76	252	1013737	41.797 ng	100
90) Dibenzo(a,h)anthracene	28.65	278	986462	42.131 ng	98
91) Benzo(g,h,i)perylene	29.72	276	1011911	43.006 ng	97

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

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