Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037486.D
Acq On : 23 Oct 2018 21:27
Operator : JU/SJ
Sample : J5621-11MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PA-SW-01MSD

Manual Integrations APPROVED
Sohil
10/24/2018 10:56:07 AM

Quant Time: Oct 24 05:28:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	69977	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	309882	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	203660	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	474312	20.00	ng		0.00
76) Chrysene-d12	21.77	240	408738	20.00	ng		0.00
87) Perylene-d12	25.11	264	426571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	249801	59.68	ng		0.00
7) Phenol-d6	7.25	99	261544	41.32	ng		0.00
23) Nitrobenzene-d5	9.29	82	443720	80.21	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	260888	117.45	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1004224	74.35	ng		0.00
79) Terphenyl-d14	20.09	244	1449084	75.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	25989	12.244	ng		97
3) Pyridine	3.94	79	47756	8.926	ng		97
4) n-Nitrosodimethylamine	3.86	42	31917	16.749	ng		99
6) Aniline	7.43	93	72576	9.400	ng		95
8) 2-Chlorophenol	7.67	128	181940	37.157	ng		100
9) Benzaldehyde	7.25	77	135741	34.286	ng		96
10) Phenol	7.28	94	131122	19.635	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	209375	41.282	ng		99
12) 1,3-Dichlorobenzene	7.99	146	185335	33.999	ng		98
13) 1,4-Dichlorobenzene	8.14	146	192178	34.465	ng		98
14) 1,2-Dichlorobenzene	8.46	146	186527	34.775	ng		99
15) Benzyl Alcohol	8.35	79	122246	26.140	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	391019	43.087	ng		97
17) 2-Methylphenol	8.53	107	157553	35.687	ng		98
18) Hexachloroethane	9.19	117	66234	34.842	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	183128	42.018	ng		95
20) 3+4-Methylphenols	8.87	107	198193	31.399	ng		97
22) Acetophenone	8.94	105	339134	43.637	ng	#	98
24) Nitrobenzene	9.33	77	285127	49.616	ng		96
25) Isophorone	9.84	82	527300	52.170	ng		98
26) 2-Nitrophenol	10.04	139	117529	45.399	ng		98
27) 2,4-Dimethylphenol	10.08	122	218313	47.231	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	314258	47.455	ng		95
29) 2,4-Dichlorophenol	10.57	162	223594	43.446	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	212594	37.986	ng		98
31) Naphthalene	10.98	128	664988	43.690	ng		99
32) Benzoic acid	10.16	122	41073	13.681	ng		99
33) 4-Chloroaniline	11.09	127	45919	6.421	ng		95
34) Hexachlorobutadiene	11.24	225	117870	35.535	ng		96
35) Caprolactam	11.88	113	12090m	5.857	ng		
36) 4-Chloro-3-methylphenol	12.19	107	245109	42.231	ng		96
37) 2-Methylnaphthalene	12.58	142	522542	47.096	ng		99
38) 1-Methylnaphthalene	12.79	142	503542	46.732	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	264700	40.294	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	305464	97.346	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	201843	45.991	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	213602	44.702	ng		98
46) 1,1'-Biphenyl	13.58	154	688347	40.811	ng		98
47) 2-Chloronaphthalene	13.62	162	538902	42.233	ng		99
48) 2-Nitroaniline	13.83	65	165951	42.886	ng		98
49) Acenaphthylene	14.47	152	896877	46.725	ng		98
50) Dimethylphthalate	14.19	163	754641	47.897	ng		100
51) 2,6-Dinitrotoluene	14.32	165	162350	46.580	ng		94
52) Acenaphthene	14.80	154	531253	44.939	ng		99
53) 3-Nitroaniline	14.65	138	23872	6.170	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	156175	91.945	ng		92
55) Dibenzofuran	15.14	168	847076	43.249	ng		98
56) 4-Nitrophenol	14.94	139	138417	48.329	ng		95
57) 2,4-Dinitrotoluene	15.10	165	227719	49.772	ng		94
58) Fluorene	15.79	166	688761	46.959	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	190804	46.638	ng		99
60) Diethylphthalate	15.54	149	735006	45.440	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	363857	42.561	ng		99
62) 4-Nitroaniline	15.81	138	58894	15.318	ng		91
63) Azobenzene	16.07	77	703784	45.602	ng		100
65) 4,6-Dinitro-2-methylphenol	15.86	198	113116	45.899	ng		98
66) n-Nitrosodiphenylamine	15.99	169	627146	43.957	ng		97
67) 4-Bromophenyl-phenylether	16.67	248	226523	43.489	ng		99
68) Hexachlorobenzene	16.78	284	226780	42.009	ng		99
69) Atrazine	16.93	200	232835	45.137	ng		99
70) Pentachlorophenol	17.12	266	277067	76.622	ng		96
71) Phenanthrene	17.53	178	1105963	45.879	ng		98
72) Anthracene	17.62	178	1113523	47.070	ng		97
73) Carbazole	17.89	167	1028683	43.471	ng		99
74) Di-n-butylphthalate	18.43	149	1230536	46.746	ng		98
75) Fluoranthene	19.53	202	1266463	46.321	ng		96
77) Benzidine	19.72	184	121397	8.735	ng		98
78) Pyrene	19.90	202	1260940	47.191	ng		97
80) Butylbenzylphthalate	20.77	149	555624	50.810	ng		99
81) Benzo(a)anthracene	21.75	228	1175633	48.627	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	44154	4.712	ng		90
83) Chrysene	21.82	228	1096310	47.158	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	775612	50.600	ng		99
85) Di-n-octyl phthalate	22.88	149	1302177	52.097	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1274828	51.127	ng		97
88) Benzo(b)fluoranthene	24.05	252	1156789	49.465	ng		99
89) Benzo(k)fluoranthene	24.12	252	1115943	48.705	ng		98
90) Benzo(a)pyrene	24.95	252	1110052	49.952	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	1046141	51.035	ng		98
92) Benzo(g,h,i)perylene	30.16	276	1060867	51.155	ng		99

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

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