Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035761.D
Acq On : 19 Jul 2018 22:44
Operator : JU/SJ
Sample : J4030-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB1-12-0MSD

Manual Integrations APPROVED
Sohil
7/20/2018 11:18:32 AM

Quant Time: Jul 20 02:36:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41458	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	154802	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	113513	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	324874	20.00	ng		0.00
75) Chrysene-d12	21.66	240	362286	20.00	ng		-0.01
86) Perylene-d12	24.86	264	356667	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	340157	136.22	ng		0.00
7) Phenol-d6	7.20	99	433072	116.24	ng		0.00
23) Nitrobenzene-d5	9.19	82	355534	95.94	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	261000	174.44	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	828388	97.77	ng		-0.01
78) Terphenyl-d14	20.01	244	1622675	98.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	46525	36.607	ng	#	74
3) Pyridine	3.93	79	114728	34.578	ng	#	68
4) n-Nitrosodimethylamine	3.83	42	56543	39.689	ng	#	74
6) Aniline	7.36	93	86867	17.989	ng		97
8) 2-Chlorophenol	7.60	128	125786	49.528	ng		96
9) Benzaldehyde	7.17	77	61571	26.934	ng		94
10) Phenol	7.23	94	155245	41.244	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	133747	45.372	ng		90
12) 1,3-Dichlorobenzene	7.92	146	141348	46.088	ng		97
13) 1,4-Dichlorobenzene	8.06	146	142808	45.828	ng		93
14) 1,2-Dichlorobenzene	8.39	146	137231	45.842	ng		97
15) Benzyl Alcohol	8.27	79	143593	42.442	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.56	45	148614	60.135	ng		73
17) 2-Methylphenol	8.47	107	119930	46.863	ng		94
18) Hexachloroethane	9.11	117	53884	45.225	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	124976	39.835	ng	#	83
20) 3+4-Methylphenols	8.81	107	164159	46.239	ng		93
22) Acetophenone	8.85	105	229490	47.672	ng	#	90
24) Nitrobenzene	9.23	77	183348	49.198	ng		94
25) Isophorone	9.76	82	368196	53.525	ng		99
26) 2-Nitrophenol	9.94	139	74708	56.445	ng	#	84
27) 2,4-Dimethylphenol	10.01	122	128347	57.287	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	186673	49.248	ng		95
29) 2,4-Dichlorophenol	10.48	162	147543	57.691	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	156956	50.050	ng		97
31) Naphthalene	10.88	128	394417	48.912	ng		97
32) Benzoic acid	10.13	122	14497	9.612	ng		93
33) 4-Chloroaniline	11.01	127	11627	3.308	ng	#	96
34) Hexachlorobutadiene	11.17	225	119841	49.007	ng		94
35) Caprolactam	11.83	113	39864m	36.323	ng		
36) 4-Chloro-3-methylphenol	12.12	107	188558	55.005	ng		91
37) 2-Methylnaphthalene	12.49	142	313850	52.242	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	212111	49.508	ng		97
40) Hexachlorocyclopentadiene	12.83	237	252744	112.485	ng		90

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42) 2,4,6-Trichlorophenol	13.09	196	144432	57.646	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	162879	58.111	ng	#	94
45) 1,1'-Biphenyl	13.49	154	445922	50.670	ng		99
46) 2-Chloronaphthalene	13.53	162	354266	51.752	ng		99
47) 2-Nitroaniline	13.74	65	124830	51.580	ng		97
48) Acenaphthylene	14.38	152	589564	51.414	ng		98
49) Dimethylphthalate	14.11	163	520023	52.288	ng		98
50) 2,6-Dinitrotoluene	14.23	165	120638	59.567	ng		92
51) Acenaphthene	14.72	154	350063	49.007	ng		99
52) 3-Nitroaniline	14.56	138	27026	13.056	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	45092	46.317	ng	#	59
54) Dibenzofuran	15.05	168	591771	52.091	ng		94
55) 4-Nitrophenol	14.88	139	156717	106.310	ng	#	83
56) 2,4-Dinitrotoluene	15.02	165	173076	59.568	ng	#	85
57) Fluorene	15.70	166	493598	51.840	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	163735	60.927	ng	#	92
59) Diethylphthalate	15.47	149	529601	51.787	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	289939	51.809	ng		98
61) 4-Nitroaniline	15.73	138	103330	47.722	ng		85
62) Azobenzene	15.98	77	512745	50.831	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	59301	32.791	ng		88
65) n-Nitrosodiphenylamine	15.91	169	453838	49.079	ng		100
66) 4-Bromophenyl-phenylether	16.58	248	200789	53.273	ng		97
67) Hexachlorobenzene	16.70	284	203547	52.441	ng		95
68) Atrazine	16.85	200	218802	57.469	ng		96
69) Pentachlorophenol	17.05	266	150102	63.490	ng		98
70) Phenanthrene	17.44	178	835661	51.550	ng		96
71) Anthracene	17.53	178	846174	52.423	ng		99
72) Carbazole	17.80	167	773522	50.461	ng		98
73) Di-n-butylphthalate	18.35	149	913826	50.446	ng	#	97
74) Fluoranthene	19.45	202	1117879	51.195	ng		95
76) Benzidine	19.63	184	217290	22.814	ng		97
77) Pyrene	19.81	202	1118408	48.822	ng		95
79) Butylbenzylphthalate	20.69	149	436414	53.274	ng		98
80) Benzo(a)anthracene	21.65	228	1148012	50.849	ng		97
81) 3,3'-Dichlorobenzidine	21.56	252	180477	22.926	ng	#	98
82) Chrysene	21.71	228	1074362	51.353	ng		96
83) Bis(2-ethylhexyl)phthalate	21.54	149	610566	54.824	ng		98
84) Di-n-octyl phthalate	22.74	149	1040000	55.772	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.52	276	1258182	54.319	ng	#	73
87) Benzo(b)fluoranthene	23.85	252	1140240	52.599	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	1060354	50.032	ng	#	97
89) Benzo(a)pyrene	24.72	252	1077326	53.419	ng	#	98
90) Dibenzo(a,h)anthracene	28.58	278	1043761	52.717	ng	#	97
91) Benzo(g,h,i)perylene	29.65	276	1055357	54.471	ng	#	94

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

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