Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035805.D
Acq On : 21 Jul 2018 5:12
Operator : JU/SJ
Sample : J3820-06MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-01-071918MSD

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:17 PM

Quant Time: Jul 23 01:19:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	53499	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	190550	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	132358	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	338302	20.00	ng		0.00
75) Chrysene-d12	21.66	240	349778	20.00	ng		0.00
86) Perylene-d12	24.86	264	347706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	425017	131.90	ng		0.00
7) Phenol-d6	7.21	99	562314	116.96	ng		0.00
23) Nitrobenzene-d5	9.19	82	423618	92.87	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	268541	153.93	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	936241	94.77	ng		0.00
78) Terphenyl-d14	20.01	244	1602159	100.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50138	30.570	ng	#	75
3) Pyridine	3.94	79	123850	28.926	ng	#	69
4) n-Nitrosodimethylamine	3.84	42	61762	33.595	ng	#	72
6) Aniline	7.36	93	72680	11.663	ng		95
8) 2-Chlorophenol	7.60	128	146114	44.583	ng		98
9) Benzaldehyde	7.17	77	80193	27.185	ng		98
10) Phenol	7.23	94	185653	38.222	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	151168	39.740	ng		92
12) 1,3-Dichlorobenzene	7.92	146	170655	43.120	ng		97
13) 1,4-Dichlorobenzene	8.06	146	172548	42.910	ng		98
14) 1,2-Dichlorobenzene	8.38	146	165516	42.846	ng		99
15) Benzyl Alcohol	8.27	79	174492	39.967	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	171711	53.843	ng		69
17) 2-Methylphenol	8.48	107	140802	42.636	ng		93
18) Hexachloroethane	9.11	117	63767	41.474	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	141063	34.843	ng	#	83
20) 3+4-Methylphenols	8.80	107	184695	40.314	ng		94
22) Acetophenone	8.85	105	259792	43.843	ng	#	93
24) Nitrobenzene	9.24	77	215721	47.025	ng		93
25) Isophorone	9.75	82	400831	47.338	ng		99
26) 2-Nitrophenol	9.94	139	87296	53.582	ng	#	91
27) 2,4-Dimethylphenol	10.01	122	146040	52.956	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	212305	45.503	ng		95
29) 2,4-Dichlorophenol	10.48	162	169594	53.873	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	189852	49.182	ng		99
31) Naphthalene	10.88	128	451861	45.523	ng		98
32) Benzoic acid	10.17	122	65401	35.228	ng		94
33) 4-Chloroaniline	11.01	127	10974	2.537	ng	#	85
34) Hexachlorobutadiene	11.16	225	143611	47.709	ng		98
35) Caprolactam	11.78	113	43459m	32.169	ng		
36) 4-Chloro-3-methylphenol	12.12	107	197338	46.766	ng		95
37) 2-Methylnaphthalene	12.48	142	359050	48.553	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	243216	48.686	ng		99
40) Hexachlorocyclopentadiene	12.83	237	313496	119.658	ng		95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	155252	53.142	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	169294	51.800	ng		96
45) 1,1'-Biphenyl	13.49	154	488968	47.650	ng		96
46) 2-Chloronaphthalene	13.53	162	385401	48.284	ng		99
47) 2-Nitroaniline	13.74	65	131288	46.525	ng		95
48) Acenaphthylene	14.38	152	630763	47.175	ng		97
49) Dimethylphthalate	14.11	163	520656	44.898	ng		99
50) 2,6-Dinitrotoluene	14.23	165	121013	51.244	ng		95
51) Acenaphthene	14.72	154	372250	44.693	ng		98
52) 3-Nitroaniline	14.56	138	21076	8.732	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	112066	91.273	ng	#	60
54) Dibenzofuran	15.05	168	611463	46.161	ng		92
55) 4-Nitrophenol	14.88	139	141486	82.313	ng	#	87
56) 2,4-Dinitrotoluene	15.02	165	172397	50.887	ng	#	86
57) Fluorene	15.70	166	507266	45.690	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	157754	50.343	ng		95
59) Diethylphthalate	15.46	149	520221	43.627	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	298411	45.731	ng		96
61) 4-Nitroaniline	15.72	138	102983	40.790	ng	#	82
62) Azobenzene	15.98	77	516176	43.885	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	85478	45.390	ng		85
65) n-Nitrosodiphenylamine	15.91	169	450752	46.810	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	198550	50.588	ng		96
67) Hexachlorobenzene	16.70	284	203005	50.225	ng		97
68) Atrazine	16.85	200	204473	51.574	ng		93
69) Pentachlorophenol	17.05	266	181846	73.865	ng		97
70) Phenanthrene	17.44	178	804919	47.683	ng		98
71) Anthracene	17.53	178	828058	49.264	ng		98
72) Carbazole	17.80	167	737959	46.230	ng		98
73) Di-n-butylphthalate	18.35	149	848162	44.963	ng	#	98
74) Fluoranthene	19.45	202	1034342	45.489	ng		95
76) Benzidine	19.63	184	133087	14.473	ng		97
77) Pyrene	19.81	202	1025165	46.352	ng		96
79) Butylbenzylphthalate	20.69	149	393584	49.764	ng		97
80) Benzo(a)anthracene	21.64	228	1029718	47.241	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	158797	20.894	ng	#	96
82) Chrysene	21.71	228	965567	47.803	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	538949	50.123	ng		99
84) Di-n-octyl phthalate	22.74	149	926688	51.473	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1115501	49.882	ng	#	87
87) Benzo(b)fluoranthene	23.85	252	993488	47.010	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	981994	47.529	ng	#	98
89) Benzo(a)pyrene	24.71	252	959224	48.788	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	926106	47.980	ng	#	92
91) Benzo(g,h,i)perylene	29.65	276	905558	47.944	ng	#	94

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

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