Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036092.D
Acq On : 3 Aug 2018 13:41
Operator : JU/SJ
Sample : J3826-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:36 AM

Quant Time: Aug 03 18:45:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36185	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	133760	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	92573	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	225829	20.00	ng		0.00
75) Chrysene-d12	21.66	240	268526	20.00	ng		0.00
86) Perylene-d12	24.85	264	254643	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	299501	137.42	ng		0.00
7) Phenol-d6	7.19	99	404523	124.40	ng		0.00
23) Nitrobenzene-d5	9.19	82	321769	100.49	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	193320	158.44	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	715313	103.52	ng		0.00
78) Terphenyl-d14	19.99	244	1259276	103.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	36096	32.540	ng	#	74
3) Pyridine	3.93	79	66950	23.119	ng	#	75
4) n-Nitrosodimethylamine	3.83	42	49060	39.455	ng	#	86
6) Aniline	7.35	93	83625	19.841	ng		96
8) 2-Chlorophenol	7.59	128	104736	47.249	ng		96
9) Benzaldehyde	7.17	77	31706	15.891	ng		99
10) Phenol	7.22	94	134883	41.057	ng		93
11) bis(2-Chloroethyl)ether	7.44	93	112087	43.565	ng		88
12) 1,3-Dichlorobenzene	7.91	146	110689	41.350	ng		97
13) 1,4-Dichlorobenzene	8.06	146	114832	42.221	ng		97
14) 1,2-Dichlorobenzene	8.38	146	110343	42.231	ng		92
15) Benzyl Alcohol	8.26	79	121575	41.171	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	119359	55.335	ng		76
17) 2-Methylphenol	8.47	107	101255	45.331	ng	#	92
18) Hexachloroethane	9.10	117	42063	40.448	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	106492	38.890	ng	#	86
20) 3+4-Methylphenols	8.80	107	136849	44.163	ng		95
22) Acetophenone	8.85	105	194405	46.737	ng	#	89
24) Nitrobenzene	9.23	77	159336	49.481	ng		90
25) Isophorone	9.75	82	302738	50.933	ng		99
26) 2-Nitrophenol	9.94	139	64057	56.011	ng	#	87
27) 2,4-Dimethylphenol	10.00	122	111464	57.578	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	152557	46.579	ng		96
29) 2,4-Dichlorophenol	10.48	162	122727	55.537	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	133080	49.112	ng		96
31) Naphthalene	10.88	128	487429	69.956	ng		98
32) Benzoic acid	10.17	122	39412m	30.242	ng		
33) 4-Chloroaniline	11.00	127	20948	6.898	ng	#	88
34) Hexachlorobutadiene	11.15	225	103127	48.806	ng		94
35) Caprolactam	11.78	113	28959m	30.537	ng		
36) 4-Chloro-3-methylphenol	12.11	107	142710	48.179	ng		95
37) 2-Methylnaphthalene	12.48	142	267865	51.602	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	184575	52.826	ng		99
40) Hexachlorocyclopentadiene	12.82	237	209669	114.422	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	113895	55.740 ng		95
43) 2,4,5-Trichlorophenol	13.16	196	117596	51.445 ng		98
45) 1,1'-Biphenyl	13.48	154	362994	50.577 ng		98
46) 2-Chloronaphthalene	13.53	162	283897	50.853 ng		99
47) 2-Nitroaniline	13.73	65	93474	47.361 ng		91
48) Acenaphthylene	14.37	152	462977	49.508 ng		97
49) Dimethylphthalate	14.10	163	384435	47.398 ng	#	99
50) 2,6-Dinitrotoluene	14.22	165	88779	53.752 ng		93
51) Acenaphthene	14.71	154	279667	48.008 ng		98
52) 3-Nitroaniline	14.56	138	46865	27.762 ng	#	92
53) 2,4-Dinitrophenol	14.77	184	45797	56.066 ng	#	71
54) Dibenzofuran	15.04	168	464711	50.159 ng		93
55) 4-Nitrophenol	14.88	139	89796	74.693 ng	#	81
56) 2,4-Dinitrotoluene	15.01	165	123760	52.230 ng		89
57) Fluorene	15.69	166	378484	48.742 ng		95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	119724	54.627 ng		90
59) Diethylphthalate	15.46	149	373683	44.806 ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	220675	48.352 ng		98
61) 4-Nitroaniline	15.72	138	78619	44.522 ng	#	73
62) Azobenzene	15.98	77	381446	46.368 ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	59011	46.942 ng		80
65) n-Nitrosodiphenylamine	15.90	169	325458	50.632 ng		98
66) 4-Bromophenyl-phenylether	16.58	248	146897	56.068 ng		95
67) Hexachlorobenzene	16.70	284	150158	55.653 ng		93
68) Atrazine	16.85	200	121426	45.881 ng		100
69) Pentachlorophenol	17.05	266	128863	78.412 ng		97
70) Phenanthrene	17.43	178	579933	51.465 ng		99
71) Anthracene	17.53	178	582122	51.881 ng		97
72) Carbazole	17.80	167	550330	51.646 ng		97
73) Di-n-butylphthalate	18.34	149	624889	49.625 ng	#	99
74) Fluoranthene	19.44	202	789779	52.033 ng		98
76) Benzidine	19.64	184	76034m	10.770 ng		
77) Pyrene	19.80	202	803091	47.298 ng		98
79) Butylbenzylphthalate	20.68	149	312669	51.495 ng		96
80) Benzo(a)anthracene	21.63	228	852621	50.952 ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	207467	35.557 ng	#	98
82) Chrysene	21.70	228	804642	51.890 ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	429690	52.054 ng	#	98
84) Di-n-octyl phthalate	22.73	149	729815	52.803 ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	846174	49.287 ng	#	85
87) Benzo(b)fluoranthene	23.84	252	819236	52.932 ng	#	97
88) Benzo(k)fluoranthene	23.91	252	778082	51.423 ng	#	95
89) Benzo(a)pyrene	24.70	252	779827	54.159 ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	687891	48.663 ng	#	97
91) Benzo(g,h,i)perylene	29.63	276	670290	48.457 ng	#	94

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

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