Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040154.D
Acq On : 26 Mar 2019 19:37
Operator : JU/SJ
Sample : K2081-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S3A(2-10)COMPMSD

Manual Integrations APPROVED
Sohil
3/27/2019 5:30:52 PM

Quant Time: Mar 27 02:02:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43104	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	176119	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	121676	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	295660	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	290632	20.00	ng	-0.03
87) Perylene-d12	25.15	264	299589	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	327880	129.77	ng	-0.02
7) Phenol-d6	7.29	99	428293	113.69	ng	-0.02
23) Nitrobenzene-d5	9.32	82	305073	93.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	216186	152.43	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	719320	84.17	ng	-0.02
79) Terphenyl-d14	20.11	244	1215796	92.11	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	39485	33.850	ng	# 9
3) Pyridine	3.99	79	97085	31.089	ng	90
4) n-Nitrosodimethylamine	3.90	42	53510	36.120	ng	# 80
6) Aniline	7.47	93	40327	8.170	ng	94
8) 2-Chlorophenol	7.70	128	130718	42.645	ng	94
9) Benzaldehyde	7.28	77	32516	13.380	ng	97
10) Phenol	7.32	94	148700	36.435	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	127463	40.058	ng	95
12) 1,3-Dichlorobenzene	8.03	146	134933	38.922	ng	97
13) 1,4-Dichlorobenzene	8.17	146	137269	38.874	ng	97
14) 1,2-Dichlorobenzene	8.49	146	132320	38.784	ng	99
15) Benzyl Alcohol	8.38	79	123280	41.253	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	233055	36.621	ng	97
17) 2-Methylphenol	8.57	107	112158	43.099	ng	98
18) Hexachloroethane	9.22	117	48085	37.951	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	104499	38.538	ng	92
20) 3+4-Methylphenols	8.90	107	156892	43.398	ng	98
22) Acetophenone	8.97	105	200192	42.351	ng	# 93
24) Nitrobenzene	9.36	77	155682	45.572	ng	97
25) Isophorone	9.87	82	306130	44.866	ng	99
26) 2-Nitrophenol	10.07	139	78665	47.693	ng	99
27) 2,4-Dimethylphenol	10.11	122	136412	53.177	ng	93
28) bis(2-Chloroethoxy)methane	10.35	93	182374	43.983	ng	96
29) 2,4-Dichlorophenol	10.60	162	149006	51.591	ng	93
30) 1,2,4-Trichlorobenzene	10.81	180	143797	44.245	ng	97
31) Naphthalene	11.01	128	411390	44.118	ng	99
32) Benzoic acid	10.23	122	6549m	9.805	ng	
33) 4-Chloroaniline	11.13	127	7119	1.800	ng	# 89
34) Hexachlorobutadiene	11.27	225	94697	42.640	ng	95
35) Caprolactam	11.91	113	33838m	30.670	ng	
36) 4-Chloro-3-methylphenol	12.23	107	158422	47.850	ng	98
37) 2-Methylnaphthalene	12.60	142	314483	45.110	ng	96
38) 1-Methylnaphthalene	12.82	142	302404	44.636	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	180228	43.723	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	214912	97.288	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	125715	52.093	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	133952	49.243	ng		96
46) 1,1'-Biphenyl	13.60	154	437122	43.679	ng		99
47) 2-Chloronaphthalene	13.65	162	335619	44.579	ng		98
48) 2-Nitroaniline	13.86	65	116448	48.129	ng		95
49) Acenaphthylene	14.50	152	542317	43.880	ng		99
50) Dimethylphthalate	14.21	163	466445	45.845	ng		100
51) 2,6-Dinitrotoluene	14.35	165	104210	48.314	ng		95
52) Acenaphthene	14.83	154	328660	44.183	ng		99
53) 3-Nitroaniline	14.68	138	9276	4.278	ng	#	90
54) 2,4-Dinitrophenol	14.88	184	20752	19.510	ng		96
55) Dibenzofuran	15.17	168	542227	44.428	ng		99
56) 4-Nitrophenol	14.98	139	127057	65.508	ng		92
57) 2,4-Dinitrotoluene	15.13	165	146887	48.466	ng		88
58) Fluorene	15.81	166	430442	44.864	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	134005	50.442	ng		95
60) Diethylphthalate	15.56	149	468296	46.495	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	232440	45.400	ng		97
62) 4-Nitroaniline	15.85	138	96629	41.109	ng		93
63) Azobenzene	16.09	77	404415	44.295	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	30083	17.209	ng		99
66) n-Nitrosodiphenylamine	16.02	169	399924	46.723	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	155333	46.936	ng		94
68) Hexachlorobenzene	16.80	284	160676	46.838	ng		96
69) Atrazine	16.95	200	161558	47.959	ng		97
70) Pentachlorophenol	17.15	266	125094	57.740	ng		97
71) Phenanthrene	17.56	178	728370	44.726	ng		99
72) Anthracene	17.64	178	735905	46.371	ng		99
73) Carbazole	17.92	167	643256	44.961	ng		97
74) Di-n-butylphthalate	18.44	149	780023	46.339	ng		99
75) Fluoranthene	19.55	202	862496	44.814	ng		99
77) Benzidine	19.74	184	64926	7.040	ng		99
78) Pyrene	19.92	202	866883	45.902	ng		99
80) Butylbenzylphthalate	20.78	149	356787	48.763	ng		95
81) Benzo(a)anthracene	21.77	228	815336	44.762	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	61403	9.233	ng		93
83) Chrysene	21.85	228	789839	44.728	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	492595	47.910	ng		99
85) Di-n-octyl phthalate	22.88	149	837574	49.199	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.01	276	919682	45.909	ng	#	96
88) Benzo(b)fluoranthene	24.08	252	818428	45.812	ng		98
89) Benzo(k)fluoranthene	24.15	252	803248	48.302	ng		99
90) Benzo(a)pyrene	25.00	252	800228	48.474	ng		98
91) Dibenzo(a,h)anthracene	29.08	278	734537	45.386	ng		98
92) Benzo(g,h,i)perylene	30.23	276	742819	45.701	ng		98

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

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