Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036948.D
Acq On : 25 Sep 2018 14:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/26/2018 3:45:17 PM

Quant Time: Sep 25 15:33:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49315	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	205893	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	124013	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	270869	20.00	ng		0.00
75) Chrysene-d12	21.68	240	283215	20.00	ng		0.00
86) Perylene-d12	24.89	264	289766	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	236368	91.92	ng		0.00
7) Phenol-d6	7.21	99	331673	83.37	ng		0.00
23) Nitrobenzene-d5	9.21	82	330983	86.09	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	120511	81.22	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	685134	82.28	ng		0.00
78) Terphenyl-d14	20.02	244	787857	73.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	49529	42.093	ng		93
3) Pyridine	3.93	79	147646	43.457	ng		98
4) n-Nitrosodimethylamine	3.84	42	68867	45.606	ng	#	91
6) Aniline	7.37	93	203798	39.478	ng		99
8) 2-Chlorophenol	7.61	128	129108	43.241	ng		97
9) Benzaldehyde	7.18	77	107221	40.785	ng		99
10) Phenol	7.24	94	174443	42.485	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	139594	36.754	ng		99
12) 1,3-Dichlorobenzene	7.94	146	145999	39.885	ng		97
13) 1,4-Dichlorobenzene	8.08	146	147253	39.309	ng		98
14) 1,2-Dichlorobenzene	8.40	146	139584	38.451	ng		97
15) Benzyl Alcohol	8.28	79	138566	42.924	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	280823	38.512	ng		98
17) 2-Methylphenol	8.48	107	117028	40.917	ng		99
18) Hexachloroethane	9.13	117	57137	41.448	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	126323	38.168	ng		99
20) 3+4-Methylphenols	8.81	107	164830	41.426	ng		98
22) Acetophenone	8.86	105	211138	43.638	ng		98
24) Nitrobenzene	9.25	77	175304	42.696	ng		98
25) Isophorone	9.77	82	295651	42.084	ng		99
26) 2-Nitrophenol	9.96	139	80640	49.273	ng		98
27) 2,4-Dimethylphenol	10.02	122	111474	43.727	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	177550	40.958	ng		99
29) 2,4-Dichlorophenol	10.50	162	135892	45.983	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	152229	41.162	ng		96
31) Naphthalene	10.90	128	390910	39.903	ng		98
32) Benzoic acid	10.19	122	91364	46.925	ng		95
33) 4-Chloroaniline	11.01	127	180389	40.499	ng		97
34) Hexachlorobutadiene	11.19	225	105707	41.331	ng		98
35) Caprolactam	11.81	113	51997	42.749	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	154677	43.865	ng		95
37) 2-Methylnaphthalene	12.50	142	279484	37.458	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	182336	42.155	ng		99
40) Hexachlorocyclopentadiene	12.85	237	104177	46.831	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	116479	48.495	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	122715	47.914	ng		100
45) 1,1'-Biphenyl	13.51	154	390835	41.151	ng		97
46) 2-Chloronaphthalene	13.55	162	306531	41.040	ng		99
47) 2-Nitroaniline	13.75	65	117001	45.289	ng		97
48) Acenaphthylene	14.39	152	471463	40.282	ng		99
49) Dimethylphthalate	14.12	163	390160	39.086	ng		99
50) 2,6-Dinitrotoluene	14.25	165	88009	40.409	ng		98
51) Acenaphthene	14.73	154	281968	39.861	ng		99
52) 3-Nitroaniline	14.58	138	92305	40.220	ng		97
53) 2,4-Dinitrophenol	14.78	184	56398	57.621	ng		93
54) Dibenzofuran	15.07	168	459398	38.395	ng		99
55) 4-Nitrophenol	14.89	139	72744	49.616	ng		90
56) 2,4-Dinitrotoluene	15.03	165	121204	39.882	ng		94
57) Fluorene	15.72	166	338101	37.806	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	115869	44.597	ng		99
59) Diethylphthalate	15.49	149	381604	37.902	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	214035	37.792	ng		100
61) 4-Nitroaniline	15.74	138	95205	39.438	ng		94
62) Azobenzene	16.00	77	388166	40.125	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	73957	52.224	ng		95
65) n-Nitrosodiphenylamine	15.93	169	335338	44.844	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	130412	42.328	ng		94
67) Hexachlorobenzene	16.72	284	132462	41.744	ng		98
68) Atrazine	16.87	200	129065	42.626	ng		100
69) Pentachlorophenol	17.07	266	92486	46.293	ng		97
70) Phenanthrene	17.46	178	527053	40.378	ng		99
71) Anthracene	17.55	178	535109	41.459	ng		99
72) Carbazole	17.82	167	519601	41.290	ng		98
73) Di-n-butylphthalate	18.37	149	585888	41.923	ng		99
74) Fluoranthene	19.46	202	608647	38.737	ng		99
76) Benzidine	19.65	184	314711	36.759	ng		98
77) Pyrene	19.83	202	640426	37.683	ng		98
79) Butylbenzylphthalate	20.71	149	275703	40.699	ng		98
80) Benzo(a)anthracene	21.67	228	652421	39.463	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	254990	40.520	ng		99
82) Chrysene	21.73	228	598263	37.453	ng		100
83) Bis(2-ethylhexyl)phthalate	21.57	149	389095	41.116	ng		97
84) Di-n-octyl phthalate	22.77	149	571923	36.706	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.54	276	712745	41.551	ng		99
87) Benzo(b)fluoranthene	23.88	252	606048	39.246	ng		98
88) Benzo(k)fluoranthene	23.94	252	601262m	38.809	ng		
89) Benzo(a)pyrene	24.74	252	597859	40.046	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	601973	43.023	ng		98
91) Benzo(g,h,i)perylene	29.69	276	601268	42.818	ng		97

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

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