Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039991.D
Acq On : 19 Mar 2019 5:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/20/2019 6:52:22 PM

Quant Time: Mar 19 08:42:45 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	8.15	152	42441	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	189006	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	122270	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	292962	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	295320	20.00	ng		-0.02
87) Perylene-d12	25.17	264	303753	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	200123	80.44	ng		-0.02
7) Phenol-d6	7.30	99	288750	77.84	ng		-0.02
23) Nitrobenzene-d5	9.32	82	285903	81.81	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	116016	81.41	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	675027	78.61	ng		-0.02
79) Terphenyl-d14	20.11	244	1046036	77.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	42106	36.661	ng		97
3) Pyridine	3.98	79	122707	39.908	ng		98
4) n-Nitrosodimethylamine	3.91	42	61655	42.268	ng	#	96
6) Aniline	7.47	93	179498	36.935	ng		98
8) 2-Chlorophenol	7.71	128	117082	38.793	ng		99
9) Benzaldehyde	7.29	77	82432	34.450	ng		96
10) Phenol	7.33	94	153657	38.238	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	119948	38.285	ng		97
12) 1,3-Dichlorobenzene	8.03	146	134903	39.522	ng		97
13) 1,4-Dichlorobenzene	8.18	146	136819	39.351	ng		97
14) 1,2-Dichlorobenzene	8.50	146	129378	38.514	ng		98
15) Benzyl Alcohol	8.38	79	116067	39.446	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	252245	40.255	ng		98
17) 2-Methylphenol	8.58	107	98095	38.284	ng		96
18) Hexachloroethane	9.23	117	50227	40.261	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	100022	37.463	ng		94
20) 3+4-Methylphenols	8.91	107	137778	38.706	ng		98
22) Acetophenone	8.98	105	194519	38.345	ng	#	98
24) Nitrobenzene	9.37	77	148795	40.586	ng		97
25) Isophorone	9.88	82	281265	38.411	ng		98
26) 2-Nitrophenol	10.07	139	74493	42.084	ng		93
27) 2,4-Dimethylphenol	10.12	122	102314	37.165	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	169405	38.070	ng		96
29) 2,4-Dichlorophenol	10.61	162	125055	40.346	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	135454	38.836	ng		98
31) Naphthalene	11.02	128	385266	38.499	ng		98
32) Benzoic acid	10.26	122	66730	37.048	ng		96
33) 4-Chloroaniline	11.13	127	165829	39.079	ng		99
34) Hexachlorobutadiene	11.28	225	97532	40.922	ng		96
35) Caprolactam	11.92	113	43718	36.924	ng		94
36) 4-Chloro-3-methylphenol	12.23	107	142687	40.159	ng		96
37) 2-Methylnaphthalene	12.61	142	286205	38.255	ng		96
38) 1-Methylnaphthalene	12.83	142	276333	38.007	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	165804	40.028	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	90288	40.674	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	100457	41.424	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	108842	39.818	ng		96
46) 1,1'-Biphenyl	13.61	154	392015	38.981	ng		98
47) 2-Chloronaphthalene	13.66	162	295927	39.116	ng		99
48) 2-Nitroaniline	13.86	65	105203	43.270	ng		97
49) Acenaphthylene	14.50	152	482719	38.868	ng		100
50) Dimethylphthalate	14.22	163	389440	38.090	ng		100
51) 2,6-Dinitrotoluene	14.35	165	88234	40.708	ng		99
52) Acenaphthene	14.84	154	289133	38.680	ng		96
53) 3-Nitroaniline	14.69	138	86676	39.782	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	64956	49.655	ng		98
55) Dibenzofuran	15.17	168	475945	38.808	ng		97
56) 4-Nitrophenol	14.99	139	81790	41.964	ng		92
57) 2,4-Dinitrotoluene	15.14	165	126495	41.535	ng		87
58) Fluorene	15.82	166	369976	38.374	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	107656	40.327	ng		99
60) Diethylphthalate	15.57	149	389592	38.493	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	197752	38.437	ng		98
62) 4-Nitroaniline	15.85	138	97219	41.159	ng		98
63) Azobenzene	16.10	77	368715	40.189	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	69676	40.224	ng		98
66) n-Nitrosodiphenylamine	16.02	169	336547	39.681	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	132014	40.258	ng		99
68) Hexachlorobenzene	16.81	284	135531	39.872	ng		95
69) Atrazine	16.96	200	123985	37.144	ng		94
70) Pentachlorophenol	17.16	266	97439	45.389	ng		98
71) Phenanthrene	17.56	178	628042	38.920	ng		100
72) Anthracene	17.65	178	617683	39.280	ng		100
73) Carbazole	17.92	167	558028	39.364	ng		98
74) Di-n-butylphthalate	18.45	149	665535	39.902	ng		99
75) Fluoranthene	19.56	202	745822	39.108	ng		98
77) Benzidine	19.74	184	371050	39.594	ng		99
78) Pyrene	19.93	202	750476	39.108	ng		99
80) Butylbenzylphthalate	20.79	149	308558	41.502	ng		96
81) Benzo(a)anthracene	21.78	228	729398	39.409	ng		100
82) 3,3'-Dichlorobenzidine	21.70	252	266308	39.410	ng		100
83) Chrysene	21.85	228	700645	39.047	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	433966	41.537	ng		100
85) Di-n-octyl phthalate	22.90	149	732295	42.332	ng		98
86) Indeno(1,2,3-cd)pyrene	29.03	276	800478	39.324	ng	#	93
88) Benzo(b)fluoranthene	24.09	252	715930m	39.525	ng		
89) Benzo(k)fluoranthene	24.16	252	652083	38.674	ng		98
90) Benzo(a)pyrene	25.01	252	670459	40.057	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	635068	38.702	ng		98
92) Benzo(g,h,i)perylene	30.26	276	651448	39.530	ng		98

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

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