Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040911.D
Acq On : 13 May 2019 15:00
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
5/14/2019 8:04:35 PM

Quant Time: May 14 01:49:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46103	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	202650	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	155897	20.00	ng		-0.03
64) Phenanthrene-d10	17.50	188	390806	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	384911	20.00	ng		-0.03
87) Perylene-d12	25.13	264	430806	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	242166	92.59	ng		-0.03
7) Phenol-d6	7.27	99	374471	92.99	ng		-0.02
23) Nitrobenzene-d5	9.31	82	421646	96.14	ng		-0.03
42) 2,4,6-Tribromophenol	16.24	330	218815	102.11	ng		-0.03
45) 2-Fluorobiphenyl	13.38	172	968522	89.72	ng		-0.03
79) Terphenyl-d14	20.10	244	1664166	95.78	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	51495	43.294	ng		88
3) Pyridine	3.94	79	155554	45.120	ng		96
4) n-Nitrosodimethylamine	3.86	42	77466	40.510	ng	#	88
6) Aniline	7.45	93	232727	43.602	ng		98
8) 2-Chlorophenol	7.68	128	147834	46.292	ng		94
9) Benzaldehyde	7.27	77	105300	45.157	ng		92
10) Phenol	7.30	94	196394	45.370	ng		98
11) bis(2-Chloroethyl)ether	7.55	93	145078	44.694	ng		93
12) 1,3-Dichlorobenzene	8.01	146	163268	46.840	ng		97
13) 1,4-Dichlorobenzene	8.17	146	166061	46.996	ng		99
14) 1,2-Dichlorobenzene	8.48	146	159094	46.687	ng		93
15) Benzyl Alcohol	8.37	79	175860	41.971	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	230465	35.661	ng		95
17) 2-Methylphenol	8.56	107	137889	45.012	ng		92
18) Hexachloroethane	9.22	117	64709	44.643	ng		99
19) n-Nitroso-di-n-propylamine	8.93	70	146933	40.534	ng		91
20) 3+4-Methylphenols	8.89	107	193719	45.393	ng		97
22) Acetophenone	8.96	105	262970	46.666	ng	#	93
24) Nitrobenzene	9.35	77	215257	46.001	ng		94
25) Isophorone	9.86	82	415821	42.564	ng		98
26) 2-Nitrophenol	10.06	139	97021	57.842	ng		99
27) 2,4-Dimethylphenol	10.10	122	142993	45.435	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	215314	43.929	ng		99
29) 2,4-Dichlorophenol	10.59	162	178716	49.950	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	201683	50.831	ng		99
31) Naphthalene	11.00	128	499570	46.402	ng		100
32) Benzoic acid	10.24	122	119266	55.357	ng		94
33) 4-Chloroaniline	11.11	127	221241	46.348	ng		94
34) Hexachlorobutadiene	11.27	225	150949	51.532	ng		99
35) Caprolactam	11.91	113	63988	45.298	ng	#	83
36) 4-Chloro-3-methylphenol	12.21	107	214740	47.576	ng		97
37) 2-Methylnaphthalene	12.60	142	375616	46.663	ng		97
38) 1-Methylnaphthalene	12.82	142	366771	46.615	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	284236	48.942	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	132916	38.786	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	170447	48.567	ng		97
44) 2,4,5-Trichlorophenol	13.27	196	186204	48.704	ng		97
46) 1,1'-Biphenyl	13.59	154	527179	43.554	ng		96
47) 2-Chloronaphthalene	13.65	162	424376	44.801	ng		98
48) 2-Nitroaniline	13.85	65	159546	47.317	ng		99
49) Acenaphthylene	14.49	152	692013	43.059	ng		99
50) Dimethylphthalate	14.21	163	583291	44.719	ng		100
51) 2,6-Dinitrotoluene	14.34	165	129797	50.987	ng		84
52) Acenaphthene	14.82	154	396590	42.374	ng		95
53) 3-Nitroaniline	14.67	138	123470	47.336	ng		93
54) 2,4-Dinitrophenol	14.87	184	75883	55.233	ng	#	89
55) Dibenzofuran	15.16	168	682156	44.499	ng		98
56) 4-Nitrophenol	14.96	139	99496	43.991	ng		92
57) 2,4-Dinitrotoluene	15.12	165	184517	53.341	ng		83
58) Fluorene	15.80	166	539054	43.506	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	183229	47.616	ng		94
60) Diethylphthalate	15.56	149	584679	42.485	ng		97
61) 4-Chlorophenyl-phenylether	15.79	204	336248	46.660	ng		96
62) 4-Nitroaniline	15.83	138	132468	45.400	ng		92
63) Azobenzene	16.09	77	544866	38.444	ng		95
65) 4,6-Dinitro-2-methylphenol	15.87	198	110355	55.932	ng		91
66) n-Nitrosodiphenylamine	16.01	169	490372	42.649	ng		97
67) 4-Bromophenyl-phenylether	16.68	248	225531	46.321	ng		91
68) Hexachlorobenzene	16.80	284	234521	46.583	ng		96
69) Atrazine	16.94	200	156182	34.285	ng		97
70) Pentachlorophenol	17.14	266	141418	48.003	ng		98
71) Phenanthrene	17.55	178	913758	43.409	ng		99
72) Anthracene	17.64	178	914790	43.235	ng		99
73) Carbazole	17.91	167	807632	41.896	ng		99
74) Di-n-butylphthalate	18.44	149	935507	40.207	ng		99
75) Fluoranthene	19.55	202	1171723	44.668	ng		98
77) Benzidine	19.73	184	442262	41.964	ng		99
78) Pyrene	19.91	202	1157837	47.994	ng		97
80) Butylbenzylphthalate	20.78	149	436430	46.416	ng		87
81) Benzo(a)anthracene	21.77	228	1169173	48.061	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	438713	50.597	ng		97
83) Chrysene	21.84	228	1132513	48.952	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	601029	44.282	ng		96
85) Di-n-octyl phthalate	22.88	149	1029190	45.025	ng		95
86) Indeno(1,2,3-cd)pyrene	28.98	276	1390778	49.721	ng	#	88
88) Benzo(b)fluoranthene	24.06	252	1203773	45.726	ng		99
89) Benzo(k)fluoranthene	24.13	252	1088330m	44.267	ng		
90) Benzo(a)pyrene	24.97	252	1123176	45.072	ng		99
91) Dibenzo(a,h)anthracene	29.05	278	1136088	45.051	ng		97
92) Benzo(g,h,i)perylene	30.20	276	1119986	44.625	ng		97

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

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