Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033450.D
Acq On : 30 Mar 2018 16:22
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/2/2018 5:07:11 PM

Quant Time: Mar 31 01:52:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	36022	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	163656	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	132244	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	347229	20.00	ng		0.00
75) Chrysene-d12	22.56	240	350458	20.00	ng		0.00
86) Perylene-d12	26.32	264	376537	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	156973	81.71	ng		0.00
7) Phenol-d6	7.99	99	265471	80.43	ng		0.00
23) Nitrobenzene-d5	10.07	82	277864	78.01	ng		-0.01
41) 2,4,6-Tribromophenol	16.96	330	155149	78.44	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	692347	75.58	ng		0.00
78) Terphenyl-d14	20.74	244	1208266	73.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	37074	38.002	ng	#	83
3) Pyridine	4.39	79	105130	38.982	ng		91
4) n-Nitrosodimethylamine	4.30	42	42733	38.612	ng	#	75
6) Aniline	8.16	93	156675	40.363	ng		93
8) 2-Chlorophenol	8.41	128	87176	39.694	ng		96
9) Benzaldehyde	7.97	77	71754m	34.207	ng		
10) Phenol	8.01	94	133215	40.878	ng		92
11) bis(2-Chloroethyl)ether	8.25	93	96878	36.420	ng		95
12) 1,3-Dichlorobenzene	8.75	146	106701	37.162	ng		95
13) 1,4-Dichlorobenzene	8.90	146	107536	37.397	ng		97
14) 1,2-Dichlorobenzene	9.23	146	108107	38.520	ng		92
15) Benzyl Alcohol	9.11	79	111008	42.715	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.39	45	170246	39.260	ng		87
17) 2-Methylphenol	9.31	107	92966	41.876	ng	#	89
18) Hexachloroethane	9.98	117	42249	38.068	ng		98
19) n-Nitroso-di-n-propylamine	9.67	70	101351	41.904	ng		98
20) 3+4-Methylphenols	9.64	107	137484	43.495	ng		94
22) Acetophenone	9.71	105	175542	39.152	ng	#	98
24) Nitrobenzene	10.11	77	148310	38.899	ng		97
25) Isophorone	10.63	82	282833	40.911	ng		100
26) 2-Nitrophenol	10.83	139	55606	38.522	ng	#	92
27) 2,4-Dimethylphenol	10.88	122	90382	43.102	ng		94
28) bis(2-Chloroethoxy)methane	11.11	93	133002	38.558	ng		94
29) 2,4-Dichlorophenol	11.39	162	104136	40.381	ng		98
30) 1,2,4-Trichlorobenzene	11.60	180	128779	38.436	ng		99
31) Naphthalene	11.80	128	327783	38.650	ng		97
32) Benzoic acid	11.00	122	59835m	30.695	ng		
33) 4-Chloroaniline	11.90	127	147841	38.910	ng		96
34) Hexachlorobutadiene	12.06	225	95668	37.758	ng		93
35) Caprolactam	12.66	113	44995	44.537	ng		95
36) 4-Chloro-3-methylphenol	12.97	107	147603	43.884	ng		90
37) 2-Methylnaphthalene	13.35	142	258255	39.234	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	173454	36.210	ng		98
40) Hexachlorocyclopentadiene	13.68	237	92990	33.114	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	114056	40.981	ng		95
43) 2,4,5-Trichlorophenol	14.01	196	145036	44.088	ng		95
45) 1,1'-Biphenyl	14.32	154	387021	38.093	ng		94
46) 2-Chloronaphthalene	14.38	162	295307	37.696	ng		96
47) 2-Nitroaniline	14.57	65	124809	42.536	ng		89
48) Acenaphthylene	15.22	152	503925	38.537	ng		99
49) Dimethylphthalate	14.91	163	454371	39.480	ng		100
50) 2,6-Dinitrotoluene	15.04	165	96090	40.833	ng		97
51) Acenaphthene	15.55	154	320228	37.989	ng		98
52) 3-Nitroaniline	15.39	138	101641	41.198	ng	#	91
53) 2,4-Dinitrophenol	15.58	184	20075	22.542	ng		91
54) Dibenzofuran	15.88	168	476389	38.260	ng	#	90
55) 4-Nitrophenol	15.68	139	62154	35.827	ng	#	79
56) 2,4-Dinitrotoluene	15.82	165	135119	38.997	ng		98
57) Fluorene	16.52	166	417032	39.314	ng		95
58) 2,3,4,6-Tetrachlorophenol	16.09	232	122274	39.482	ng		98
59) Diethylphthalate	16.25	149	449048	40.182	ng		95
60) 4-Chlorophenyl-phenylether	16.49	204	235864	38.681	ng		99
61) 4-Nitroaniline	16.54	138	104138	41.682	ng		85
62) Azobenzene	16.79	77	425206	39.278	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	67687	32.585	ng		99
65) n-Nitrosodiphenylamine	16.70	169	382894	38.626	ng		96
66) 4-Bromophenyl-phenylether	17.39	248	152321	37.353	ng		95
67) Hexachlorobenzene	17.52	284	167890	39.011	ng		94
68) Atrazine	17.63	200	157958	39.323	ng		98
69) Pentachlorophenol	17.86	266	110431	37.386	ng		96
70) Phenanthrene	18.26	178	684989	37.879	ng		97
71) Anthracene	18.35	178	708235	38.680	ng		100
72) Carbazole	18.61	167	624085	38.463	ng		96
73) Di-n-butylphthalate	19.10	149	750959	39.763	ng	#	97
74) Fluoranthene	20.21	202	839397	37.509	ng		97
76) Benzidine	20.37	184	410682	43.212	ng		99
77) Pyrene	20.56	202	864351	36.980	ng		98
79) Butylbenzylphthalate	21.42	149	335464	38.893	ng		97
80) Benzo(a)anthracene	22.54	228	837032	37.509	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	329987	41.555	ng		98
82) Chrysene	22.62	228	812568	37.616	ng		99
83) Bis(2-ethylhexyl)phthalate	22.36	149	479353	40.315	ng		97
84) Di-n-octyl phthalate	23.76	149	766525	42.105	ng		98
85) Indeno(1,2,3-cd)pyrene	30.71	276	954627	40.874	ng	#	90
87) Benzo(b)fluoranthene	25.12	252	810483	37.256	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	847569	38.522	ng	#	98
89) Benzo(a)pyrene	26.15	252	797927	38.194	ng	#	98
90) Dibenzo(a,h)anthracene	30.78	278	789172	40.103	ng		98
91) Benzo(g,h,i)perylene	32.09	276	768787	39.452	ng	#	96

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

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