Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG032982.D
Acq On : 5 Mar 2018 10:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/6/2018 4:26:18 PM

Quant Time: Mar 05 13:33:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	51999	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	243339	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	142832	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	324326	20.00	ng		0.00
75) Chrysene-d12	22.61	240	299678	20.00	ng		0.00
86) Perylene-d12	26.41	264	321659	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	263079	80.94	ng		0.00
7) Phenol-d6	8.00	99	366214	80.84	ng		-0.01
23) Nitrobenzene-d5	10.11	82	328942	92.78	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	126831	84.45	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	742493	74.97	ng		0.00
78) Terphenyl-d14	20.77	244	989423	74.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	55940	39.657	ng		93
3) Pyridine	4.43	79	161059	41.426	ng		95
4) n-Nitrosodimethylamine	4.33	42	69575	44.635	ng	#	86
6) Aniline	8.20	93	236648	38.590	ng		97
8) 2-Chlorophenol	8.46	128	141767	39.849	ng		96
9) Benzaldehyde	8.01	77	89017	34.092	ng		94
10) Phenol	8.03	94	186470	40.831	ng		93
11) bis(2-Chloroethyl)ether	8.29	93	138968	37.214	ng		94
12) 1,3-Dichlorobenzene	8.80	146	158743	38.097	ng		98
13) 1,4-Dichlorobenzene	8.95	146	159671	38.069	ng		97
14) 1,2-Dichlorobenzene	9.28	146	154196	38.364	ng		98
15) Benzyl Alcohol	9.14	79	134366	40.344	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.44	45	267276	41.634	ng		100
17) 2-Methylphenol	9.34	107	131980	39.191	ng		96
18) Hexachloroethane	10.04	117	56516	39.575	ng	#	85
19) n-Nitroso-di-n-propylamine	9.73	70	122366	38.259	ng	#	93
20) 3+4-Methylphenols	9.67	107	190723	40.732	ng		95
22) Acetophenone	9.75	105	236452	38.476	ng	#	98
24) Nitrobenzene	10.15	77	171491	44.698	ng		94
25) Isophorone	10.68	82	320864	37.567	ng		95
26) 2-Nitrophenol	10.88	139	77001	53.838	ng		98
27) 2,4-Dimethylphenol	10.91	122	140663	37.911	ng		90
28) bis(2-Chloroethoxy)methane	11.15	93	182304	36.639	ng		97
29) 2,4-Dichlorophenol	11.42	162	135372	40.200	ng		95
30) 1,2,4-Trichlorobenzene	11.65	180	144979	36.728	ng		96
31) Naphthalene	11.85	128	483018	37.987	ng		99
32) Benzoic acid	11.01	122	97910	44.053	ng	#	84
33) 4-Chloroaniline	11.94	127	215096	37.833	ng		95
34) Hexachlorobutadiene	12.12	225	81877	36.979	ng		98
35) Caprolactam	12.68	113	57362	42.541	ng		94
36) 4-Chloro-3-methylphenol	12.99	107	165841	42.320	ng		95
37) 2-Methylnaphthalene	13.40	142	351518	38.211	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	157934	37.248	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	80356	37.187	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	106961	40.002	ng		98
43) 2,4,5-Trichlorophenol	14.04	196	128693	41.585	ng	#	95
45) 1,1'-Biphenyl	14.37	154	465439	37.291	ng		96
46) 2-Chloronaphthalene	14.42	162	348098	37.336	ng		98
47) 2-Nitroaniline	14.61	65	121570	50.944	ng		94
48) Acenaphthylene	15.26	152	586874	38.447	ng		99
49) Dimethylphthalate	14.95	163	456898	37.674	ng		99
50) 2,6-Dinitrotoluene	15.08	165	99361	49.221	ng		93
51) Acenaphthene	15.59	154	362423	38.124	ng		98
52) 3-Nitroaniline	15.41	138	113964	46.223	ng	#	91
53) 2,4-Dinitrophenol	15.61	184	18461	37.559	ng	#	1
54) Dibenzofuran	15.92	168	513226	37.915	ng		92
55) 4-Nitrophenol	15.68	139	68144	38.356	ng		86
56) 2,4-Dinitrotoluene	15.86	165	137470	56.035	ng		86
57) Fluorene	16.56	166	427983	38.308	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	99987m	41.614	ng		
59) Diethylphthalate	16.29	149	496229	38.793	ng		97
60) 4-Chlorophenyl-phenylether	16.54	204	206486	37.781	ng		90
61) 4-Nitroaniline	16.56	138	110752	42.826	ng		88
62) Azobenzene	16.83	77	444801	38.869	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	53456	53.903	ng		95
65) n-Nitrosodiphenylamine	16.75	169	391558	37.112	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	125641	36.636	ng	#	86
67) Hexachlorobenzene	17.56	284	135305	36.510	ng	#	91
68) Atrazine	17.66	200	128153	36.901	ng		96
69) Pentachlorophenol	17.89	266	87233	37.369	ng		98
70) Phenanthrene	18.30	178	685162	37.866	ng		98
71) Anthracene	18.39	178	687396	37.841	ng		99
72) Carbazole	18.64	167	667841	37.299	ng		98
73) Di-n-butylphthalate	19.14	149	847193	38.568	ng		100
74) Fluoranthene	20.25	202	761500	38.099	ng		93
76) Benzidine	20.41	184	271129	26.542	ng		96
77) Pyrene	20.60	202	790753	37.417	ng		98
79) Butylbenzylphthalate	21.47	149	389964	41.619	ng		92
80) Benzo(a)anthracene	22.59	228	733371	38.163	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	264823	37.209	ng	#	97
82) Chrysene	22.67	228	707646	38.549	ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	568024	40.955	ng		97
84) Di-n-octyl phthalate	23.83	149	902015	42.667	ng		100
85) Indeno(1,2,3-cd)pyrene	30.84	276	784990	36.667	ng		97
87) Benzo(b)fluoranthene	25.19	252	726329	38.190	ng	#	96
88) Benzo(k)fluoranthene	25.27	252	734411	38.855	ng	#	96
89) Benzo(a)pyrene	26.23	252	700614	38.731	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	617345	33.905	ng	#	95
91) Benzo(g,h,i)perylene	32.22	276	643419	35.847	ng	#	93

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

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