Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030664.D
Acq On : 2 Nov 2017 16:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/3/2017 1:24:46 PM

Quant Time: Nov 03 01:39:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	55484	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	261971	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	171047	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	429502	20.00	ng		0.00
75) Chrysene-d12	21.78	240	511238	20.00	ng		-0.01
86) Perylene-d12	25.08	264	539978	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	269302	81.08	ng		0.00
7) Phenol-d6	7.31	99	377344	80.94	ng		-0.01
23) Nitrobenzene-d5	9.32	82	339424	82.34	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	201565	91.27	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	931773	79.90	ng		0.00
78) Terphenyl-d14	20.10	244	1676115	74.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	57927	42.986	ng	#	83
3) Pyridine	3.98	79	170644	43.485	ng		87
4) n-Nitrosodimethylamine	3.89	42	71855	39.171	ng	#	88
6) Aniline	7.47	93	235508	40.796	ng		94
8) 2-Chlorophenol	7.72	128	145537	38.229	ng		91
9) Benzaldehyde	7.28	77	109079	46.518	ng		93
10) Phenol	7.34	94	190855	37.973	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	151326	41.325	ng		88
12) 1,3-Dichlorobenzene	8.04	146	167518	39.194	ng		95
13) 1,4-Dichlorobenzene	8.19	146	170613	39.098	ng		94
14) 1,2-Dichlorobenzene	8.51	146	163684	38.889	ng		96
15) Benzyl Alcohol	8.39	79	136474	41.540	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.68	45	200726m	32.277	ng		
17) 2-Methylphenol	8.59	107	127265	38.118	ng		95
18) Hexachloroethane	9.24	117	58476	39.322	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	133927	42.250	ng	#	94
20) 3+4-Methylphenols	8.92	107	186974	39.744	ng		95
22) Acetophenone	8.98	105	254818	40.362	ng	#	93
24) Nitrobenzene	9.36	77	173473	37.426	ng	#	89
25) Isophorone	9.88	82	321195	37.322	ng	#	94
26) 2-Nitrophenol	10.07	139	88510	39.953	ng		89
27) 2,4-Dimethylphenol	10.13	122	137061	34.196	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	211368	40.053	ng		99
29) 2,4-Dichlorophenol	10.61	162	159683	37.360	ng		91
30) 1,2,4-Trichlorobenzene	10.83	180	188275	40.773	ng		96
31) Naphthalene	11.02	128	504785	38.663	ng		98
32) Benzoic acid	10.26	122	122256	36.428	ng	#	81
33) 4-Chloroaniline	11.12	127	221112	40.261	ng		95
34) Hexachlorobutadiene	11.30	225	117241	40.836	ng		96
35) Caprolactam	11.88	113	60778	42.786	ng	#	73
36) 4-Chloro-3-methylphenol	12.23	107	170549	36.280	ng	#	84
37) 2-Methylnaphthalene	12.61	142	385676	40.531	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	249847	40.008	ng		98
40) Hexachlorocyclopentadiene	12.95	237	97425	43.443	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	146052	37.255	ng		95
43) 2,4,5-Trichlorophenol	13.29	196	159910	39.719	ng		96
45) 1,1'-Biphenyl	13.60	154	564950	38.426	ng		99
46) 2-Chloronaphthalene	13.65	162	405073	37.773	ng		96
47) 2-Nitroaniline	13.85	65	117872	40.017	ng	#	81
48) Acenaphthylene	14.49	152	678376	40.420	ng		99
49) Dimethylphthalate	14.22	163	550646	41.261	ng		99
50) 2,6-Dinitrotoluene	14.34	165	117554	42.019	ng	#	78
51) Acenaphthene	14.83	154	419992	38.461	ng		99
52) 3-Nitroaniline	14.67	138	131279	43.486	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	49015	35.810	ng	#	49
54) Dibenzofuran	15.16	168	662310	42.486	ng		99
55) 4-Nitrophenol	14.97	139	102889	41.340	ng	#	78
56) 2,4-Dinitrotoluene	15.13	165	169107	44.653	ng	#	74
57) Fluorene	15.81	166	525104	40.776	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	146617	43.650	ng	#	94
59) Diethylphthalate	15.57	149	555556	41.771	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	303283	44.171	ng		97
61) 4-Nitroaniline	15.83	138	139978	45.156	ng		85
62) Azobenzene	16.09	77	467813	41.711	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	99165	41.372	ng		78
65) n-Nitrosodiphenylamine	16.01	169	507680	39.459	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	192926	39.145	ng		99
67) Hexachlorobenzene	16.82	284	214308	38.389	ng		94
68) Atrazine	16.95	200	196813	42.871	ng		99
69) Pentachlorophenol	17.16	266	137975	43.024	ng		96
70) Phenanthrene	17.55	178	881823	39.743	ng		99
71) Anthracene	17.64	178	891960	40.034	ng		100
72) Carbazole	17.91	167	853671	39.887	ng		99
73) Di-n-butylphthalate	18.45	149	1008043	40.952	ng		99
74) Fluoranthene	19.55	202	1135523	43.755	ng		97
76) Benzidine	19.72	184	607040	39.326	ng		98
77) Pyrene	19.91	202	1168456	37.677	ng		96
79) Butylbenzylphthalate	20.78	149	496390	37.569	ng		87
80) Benzo(a)anthracene	21.76	228	1229192	40.951	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	507754	40.984	ng		99
82) Chrysene	21.82	228	1139209	39.631	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	715676	37.742	ng		98
84) Di-n-octyl phthalate	22.88	149	1228488	37.173	ng		95
85) Indeno(1,2,3-cd)pyrene	28.86	276	1489847	42.128	ng	#	92
87) Benzo(b)fluoranthene	24.03	252	1260179	40.764	ng		99
88) Benzo(k)fluoranthene	24.10	252	1272234	41.308	ng		97
89) Benzo(a)pyrene	24.93	252	1198139	40.315	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1261721	41.935	ng		97
91) Benzo(g,h,i)perylene	30.06	276	1222573	43.732	ng		98

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

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