Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035625.D
Acq On : 13 Jul 2018 12:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/16/2018 3:24:12 PM

Quant Time: Jul 13 16:50:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42621	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	186787	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	140683	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	377308	20.00	ng		0.00
75) Chrysene-d12	21.69	240	369693	20.00	ng		0.00
86) Perylene-d12	24.91	264	366005	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	189403	73.78	ng		0.00
7) Phenol-d6	7.22	99	308673	80.59	ng		0.00
23) Nitrobenzene-d5	9.22	82	342445	76.59	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	146874	79.21	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	771437	73.46	ng		0.00
78) Terphenyl-d14	20.02	244	1286378	76.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	42483	32.514	ng	#	77
3) Pyridine	3.95	79	124637	36.540	ng	#	76
4) n-Nitrosodimethylamine	3.86	42	53773	36.715	ng	#	84
6) Aniline	7.38	93	203891	41.070	ng		99
8) 2-Chlorophenol	7.62	128	106301	40.714	ng		95
9) Benzaldehyde	7.19	77	90636	38.566	ng		98
10) Phenol	7.25	94	157364	40.666	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	123250	40.670	ng		91
12) 1,3-Dichlorobenzene	7.95	146	121893	38.660	ng		94
13) 1,4-Dichlorobenzene	8.09	146	125214	39.086	ng		97
14) 1,2-Dichlorobenzene	8.41	146	118987	38.663	ng		94
15) Benzyl Alcohol	8.29	79	137758	39.606	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	99215	39.051	ng		79
17) 2-Methylphenol	8.49	107	107040	40.685	ng	#	90
18) Hexachloroethane	9.14	117	45198	36.900	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	130667	40.513	ng	#	88
20) 3+4-Methylphenols	8.82	107	154152	42.235	ng		93
22) Acetophenone	8.87	105	219061	37.714	ng		94
24) Nitrobenzene	9.26	77	174536	38.814	ng		97
25) Isophorone	9.78	82	323397	38.962	ng		99
26) 2-Nitrophenol	9.97	139	69202	43.332	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	105586	39.058	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	179265	39.195	ng		97
29) 2,4-Dichlorophenol	10.51	162	125408	40.639	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	148782	39.319	ng		96
31) Naphthalene	10.91	128	368195	37.842	ng		98
32) Benzoic acid	10.17	122	63240m	34.750	ng		
33) 4-Chloroaniline	11.02	127	165937	39.129	ng	#	94
34) Hexachlorobutadiene	11.19	225	110719	37.523	ng		95
35) Caprolactam	11.79	113	48774	36.831	ng	#	65
36) 4-Chloro-3-methylphenol	12.13	107	165408	39.989	ng		97
37) 2-Methylnaphthalene	12.51	142	289996	40.005	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	197025	37.106	ng		98
40) Hexachlorocyclopentadiene	12.85	237	108610	39.002	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	119608	38.518	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	133655	38.475	ng		100
45) 1,1'-Biphenyl	13.51	154	409651	37.558	ng		98
46) 2-Chloronaphthalene	13.56	162	319136	37.616	ng		99
47) 2-Nitroaniline	13.76	65	115012	38.345	ng		97
48) Acenaphthylene	14.40	152	533973	37.573	ng		97
49) Dimethylphthalate	14.13	163	454169	36.847	ng		98
50) 2,6-Dinitrotoluene	14.25	165	102050	40.657	ng		94
51) Acenaphthene	14.74	154	332985	37.613	ng		97
52) 3-Nitroaniline	14.58	138	99664	38.849	ng	#	92
53) 2,4-Dinitrophenol	14.78	184	51825	43.430	ng	#	59
54) Dibenzofuran	15.08	168	527101	37.437	ng		94
55) 4-Nitrophenol	14.89	139	68103	37.276	ng	#	82
56) 2,4-Dinitrotoluene	15.04	165	142839	39.667	ng		88
57) Fluorene	15.72	166	438962	37.198	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	132120	39.668	ng	#	93
59) Diethylphthalate	15.49	149	458973	36.213	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	259120	37.360	ng		96
61) 4-Nitroaniline	15.74	138	101571	37.850	ng	#	82
62) Azobenzene	16.01	77	450002	35.995	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	79425	37.815	ng		87
65) n-Nitrosodiphenylamine	15.93	169	405193	37.729	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	173227	39.573	ng		92
67) Hexachlorobenzene	16.73	284	171006	37.935	ng		94
68) Atrazine	16.87	200	163031	36.870	ng		96
69) Pentachlorophenol	17.07	266	102272	37.248	ng		100
70) Phenanthrene	17.46	178	694844	36.907	ng		98
71) Anthracene	17.55	178	691475	36.885	ng		97
72) Carbazole	17.82	167	642072	36.065	ng		98
73) Di-n-butylphthalate	18.37	149	748699	35.587	ng	#	98
74) Fluoranthene	19.47	202	899634	35.475	ng		97
76) Benzidine	19.64	184	477601	49.139	ng		99
77) Pyrene	19.83	202	909675	38.915	ng		96
79) Butylbenzylphthalate	20.71	149	324630	38.834	ng	#	96
80) Benzo(a)anthracene	21.67	228	875365	37.996	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	319595	39.785	ng		99
82) Chrysene	21.73	228	819477	38.385	ng		98
83) Bis(2-ethylhexyl)phthalate	21.56	149	445725	39.220	ng		99
84) Di-n-octyl phthalate	22.77	149	745188	39.162	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	916420	38.772	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	838772	37.705	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	799931	36.781	ng	#	98
89) Benzo(a)pyrene	24.76	252	776691	37.529	ng	#	95
90) Dibenzo(a,h)anthracene	28.63	278	773185	38.054	ng	#	95
91) Benzo(g,h,i)perylene	29.72	276	750279	37.737	ng	#	93

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

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