Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035774.D
Acq On : 20 Jul 2018 7:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/20/2018 11:18:37 AM

Quant Time: Jul 20 10:00:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	53102	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	207616	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	144588	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	374441	20.00	ng		0.00
75) Chrysene-d12	21.66	240	402308	20.00	ng		-0.01
86) Perylene-d12	24.86	264	404244	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	251577	78.66	ng		0.00
7) Phenol-d6	7.20	99	360439	75.53	ng		0.00
23) Nitrobenzene-d5	9.19	82	376091	75.67	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	153363	80.47	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	838668	77.71	ng		-0.01
78) Terphenyl-d14	20.00	244	1395269	76.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	59080	36.292	ng	#	70
3) Pyridine	3.92	79	160936	37.869	ng	#	77
4) n-Nitrosodimethylamine	3.84	42	61960	33.955	ng	#	76
6) Aniline	7.36	93	222038	35.898	ng		97
8) 2-Chlorophenol	7.60	128	128855	39.611	ng		94
9) Benzaldehyde	7.17	77	101324	34.605	ng		98
10) Phenol	7.23	94	185092	38.391	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	141518	37.481	ng		90
12) 1,3-Dichlorobenzene	7.92	146	158632	40.382	ng		98
13) 1,4-Dichlorobenzene	8.06	146	162335	40.672	ng		96
14) 1,2-Dichlorobenzene	8.39	146	148435	38.712	ng		96
15) Benzyl Alcohol	8.27	79	157300	36.299	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.56	45	132129m	41.741	ng		
17) 2-Methylphenol	8.47	107	121995	37.217	ng	#	91
18) Hexachloroethane	9.11	117	59981	39.303	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	138082	34.362	ng	#	84
20) 3+4-Methylphenols	8.80	107	173431	38.138	ng		94
22) Acetophenone	8.85	105	243684	37.744	ng	#	92
24) Nitrobenzene	9.23	77	185630	37.140	ng		96
25) Isophorone	9.76	82	337129	36.542	ng		98
26) 2-Nitrophenol	9.94	139	78906	44.451	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	115545	38.454	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	190499	37.473	ng		99
29) 2,4-Dichlorophenol	10.48	162	144107	42.014	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	173316	41.208	ng		95
31) Naphthalene	10.88	128	421289	38.954	ng		98
32) Benzoic acid	10.17	122	73708m	36.439	ng		
33) 4-Chloroaniline	11.00	127	173657	36.841	ng		96
34) Hexachlorobutadiene	11.17	225	131866	40.207	ng		97
35) Caprolactam	11.77	113	52517	35.679	ng	#	70
36) 4-Chloro-3-methylphenol	12.11	107	173815	37.806	ng		96
37) 2-Methylnaphthalene	12.48	142	312490	38.784	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	217010	39.766	ng		98
40) Hexachlorocyclopentadiene	12.83	237	116443	40.686	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	133710	41.897	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	141976	39.767	ng		98
45) 1,1'-Biphenyl	13.49	154	444571	39.659	ng		97
46) 2-Chloronaphthalene	13.53	162	343942	39.445	ng		98
47) 2-Nitroaniline	13.74	65	117084	37.982	ng		91
48) Acenaphthylene	14.38	152	561793	38.463	ng		99
49) Dimethylphthalate	14.11	163	484463	38.243	ng		99
50) 2,6-Dinitrotoluene	14.23	165	109362	42.393	ng		93
51) Acenaphthene	14.72	154	349141	38.373	ng		97
52) 3-Nitroaniline	14.56	138	105400	39.975	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	17175	18.464	ng	#	69
54) Dibenzofuran	15.05	168	556469	38.456	ng		94
55) 4-Nitrophenol	14.88	139	69727	37.134	ng		89
56) 2,4-Dinitrotoluene	15.01	165	151921	41.050	ng		90
57) Fluorene	15.70	166	461462	38.049	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	131867	38.523	ng		94
59) Diethylphthalate	15.47	149	483284	37.101	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	274657	38.530	ng		99
61) 4-Nitroaniline	15.72	138	105734	38.337	ng		89
62) Azobenzene	15.98	77	464336	36.139	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	71619	34.360	ng		90
65) n-Nitrosodiphenylamine	15.91	169	430611	40.403	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	180774	41.613	ng		99
67) Hexachlorobenzene	16.70	284	184053	41.142	ng		96
68) Atrazine	16.85	200	171593	39.103	ng		93
69) Pentachlorophenol	17.05	266	132349	48.571	ng		97
70) Phenanthrene	17.44	178	734689	39.322	ng		98
71) Anthracene	17.53	178	738318	39.686	ng		98
72) Carbazole	17.80	167	684279	38.730	ng		99
73) Di-n-butylphthalate	18.35	149	816578	39.111	ng	#	98
74) Fluoranthene	19.45	202	957914	38.062	ng		97
76) Benzidine	19.62	184	357532	33.803	ng		97
77) Pyrene	19.81	202	981351	38.578	ng		96
79) Butylbenzylphthalate	20.69	149	371611	40.850	ng		97
80) Benzo(a)anthracene	21.64	228	963614	38.436	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	365621	41.825	ng		97
82) Chrysene	21.71	228	908354	39.099	ng		96
83) Bis(2-ethylhexyl)phthalate	21.54	149	522086	42.215	ng		100
84) Di-n-octyl phthalate	22.74	149	891473	43.051	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1062076	41.291	ng	#	89
87) Benzo(b)fluoranthene	23.85	252	939664	38.245	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	937441	39.027	ng	#	98
89) Benzo(a)pyrene	24.71	252	902858	39.499	ng	#	96
90) Dibenzo(a,h)anthracene	28.57	278	890760	39.694	ng	#	96
91) Benzo(g,h,i)perylene	29.65	276	879078	40.032	ng	#	92

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

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