Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
Data File : BG038077.D
Acq On : 20 Nov 2018 1:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
11/20/2018 9:41:48 AM

Quant Time: Nov 20 03:04:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48197	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	215190	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	131588	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	289295	20.00	ng		0.00
76) Chrysene-d12	21.75	240	264489	20.00	ng		0.00
87) Perylene-d12	25.08	264	280868	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	234238	83.91	ng		0.00
7) Phenol-d6	7.24	99	336855	84.54	ng		0.00
23) Nitrobenzene-d5	9.26	82	337709	84.01	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	114461	76.27	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	742170	82.17	ng		0.00
79) Terphenyl-d14	20.07	244	958395	85.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	49385	37.454	ng		98
3) Pyridine	3.92	79	144532	38.427	ng		98
4) n-Nitrosodimethylamine	3.85	42	57968	42.481	ng		96
6) Aniline	7.41	93	214714	41.750	ng		99
8) 2-Chlorophenol	7.65	128	139479	43.061	ng		100
9) Benzaldehyde	7.23	77	110973	38.510	ng		95
10) Phenol	7.26	94	180995	42.883	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	143893	41.760	ng		97
12) 1,3-Dichlorobenzene	7.98	146	157331	42.163	ng		96
13) 1,4-Dichlorobenzene	8.12	146	159599	42.341	ng		98
14) 1,2-Dichlorobenzene	8.44	146	149438	41.525	ng		99
15) Benzyl Alcohol	8.33	79	129552	44.932	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	283475	44.305	ng		99
17) 2-Methylphenol	8.52	107	122635	42.977	ng		98
18) Hexachloroethane	9.17	117	57781	42.120	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	121897	42.278	ng		97
20) 3+4-Methylphenols	8.85	107	172673	42.686	ng		98
22) Acetophenone	8.92	105	216809	40.494	ng	#	98
24) Nitrobenzene	9.31	77	172692	41.994	ng		95
25) Isophorone	9.82	82	296613	40.994	ng		99
26) 2-Nitrophenol	10.02	139	84818	41.315	ng		94
27) 2,4-Dimethylphenol	10.06	122	129803	41.965	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	189423	40.941	ng		97
29) 2,4-Dichlorophenol	10.55	162	144263	41.464	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	158052	40.539	ng		98
31) Naphthalene	10.96	128	429157	40.547	ng		99
32) Benzoic acid	10.20	122	94641m	47.642	ng		
33) 4-Chloroaniline	11.07	127	201323	40.892	ng		99
34) Hexachlorobutadiene	11.22	225	96811	40.347	ng		96
35) Caprolactam	11.85	113	55806	40.073	ng		93
36) 4-Chloro-3-methylphenol	12.17	107	159548	41.975	ng		97
37) 2-Methylnaphthalene	12.55	142	304531	40.056	ng		99
38) 1-Methylnaphthalene	12.78	142	294711	40.272	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	179966	40.928	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	93657	39.777	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	120811	40.320	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	125740	39.883	ng		97
46) 1,1'-Biphenyl	13.55	154	452984	40.976	ng		99
47) 2-Chloronaphthalene	13.61	162	344296	40.814	ng		99
48) 2-Nitroaniline	13.82	65	115276	43.419	ng		96
49) Acenaphthylene	14.45	152	522118	41.158	ng		100
50) Dimethylphthalate	14.17	163	418550	40.122	ng		100
51) 2,6-Dinitrotoluene	14.30	165	96107	40.705	ng		97
52) Acenaphthene	14.79	154	309589	40.538	ng		99
53) 3-Nitroaniline	14.64	138	106885	41.026	ng	#	93
54) 2,4-Dinitrophenol	14.84	184	56487	48.469	ng	#	88
55) Dibenzofuran	15.12	168	511958	40.541	ng		98
56) 4-Nitrophenol	14.93	139	73729	36.693	ng		97
57) 2,4-Dinitrotoluene	15.09	165	130194	40.529	ng		97
58) Fluorene	15.77	166	376624	39.973	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	105949	40.162	ng		97
60) Diethylphthalate	15.52	149	442411	39.928	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	218849	39.695	ng		100
62) 4-Nitroaniline	15.80	138	104601	40.416	ng		94
63) Azobenzene	16.05	77	405706	40.951	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	74114	40.504	ng		94
66) n-Nitrosodiphenylamine	15.97	169	368901	42.151	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	131658	41.464	ng		96
68) Hexachlorobenzene	16.76	284	135626	41.381	ng		96
69) Atrazine	16.91	200	135442	41.981	ng		99
70) Pentachlorophenol	17.11	266	87430	39.277	ng		97
71) Phenanthrene	17.51	178	613899	41.447	ng		99
72) Anthracene	17.61	178	606761	41.558	ng		98
73) Carbazole	17.88	167	606047	41.373	ng		99
74) Di-n-butylphthalate	18.41	149	699072	42.514	ng		99
75) Fluoranthene	19.52	202	694026	41.069	ng		99
77) Benzidine	19.70	184	336117	36.217	ng		99
78) Pyrene	19.88	202	712216	41.186	ng		99
80) Butylbenzylphthalate	20.75	149	318945	42.176	ng		98
81) Benzo(a)anthracene	21.73	228	661054	41.359	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	259450	41.672	ng		99
83) Chrysene	21.80	228	626021	40.936	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	453397	42.041	ng		99
85) Di-n-octyl phthalate	22.84	149	757537	43.419	ng		99
86) Indeno(1,2,3-cd)pyrene	28.89	276	713948	42.035	ng	#	91
88) Benzo(b)fluoranthene	24.01	252	635395	41.109	ng		99
89) Benzo(k)fluoranthene	24.08	252	630861	41.364	ng		99
90) Benzo(a)pyrene	24.92	252	623679	42.222	ng		100
91) Dibenzo(a,h)anthracene	28.96	278	591314	41.605	ng		99
92) Benzo(g,h,i)perylene	30.09	276	590036	41.753	ng		99

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

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