Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106581.D
Acq On : 19 Jun 2018 14:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:21 PM

Quant Time: Jun 19 16:17:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	121512	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	479525	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	231302	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	452489	20.00	ng		0.00
75) Chrysene-d12	14.16	240	384969	20.00	ng		0.00
86) Perylene-d12	15.70	264	310824	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	547978	76.36	ng		0.00
7) Phenol-d6	6.61	99	674377	75.25	ng		0.00
23) Nitrobenzene-d5	7.53	82	655312	75.95	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	210575	78.55	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1090412	78.70	ng		0.00
78) Terphenyl-d14	13.08	244	1219662	76.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	141236	38.283	ng		97
3) Pyridine	3.61	79	380451	38.024	ng		98
4) n-Nitrosodimethylamine	3.58	42	164495	38.709	ng		92
6) Aniline	6.63	93	466389	38.367	ng		96
8) 2-Chlorophenol	6.75	128	299586	38.063	ng		97
9) Benzaldehyde	6.52	77	229324	37.000	ng		97
10) Phenol	6.62	94	388150	37.953	ng		78
11) bis(2-Chloroethyl)ether	6.70	93	317040	37.551	ng		99
12) 1,3-Dichlorobenzene	6.90	146	349929	37.960	ng		97
13) 1,4-Dichlorobenzene	6.98	146	356771	38.281	ng		98
14) 1,2-Dichlorobenzene	7.14	146	325481	38.107	ng		97
15) Benzyl Alcohol	7.11	79	275955	38.350	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	418914	37.817	ng		81
17) 2-Methylphenol	7.22	107	256946	38.148	ng		96
18) Hexachloroethane	7.47	117	124437	37.968	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	213129	36.080	ng		94
20) 3+4-Methylphenols	7.37	107	288151	37.930	ng	#	67
22) Acetophenone	7.37	105	410039	38.221	ng	#	92
24) Nitrobenzene	7.55	77	340919	38.699	ng		96
25) Isophorone	7.78	82	582781	38.328	ng		98
26) 2-Nitrophenol	7.86	139	165125	39.706	ng		94
27) 2,4-Dimethylphenol	7.90	122	252417	39.269	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	390770	38.277	ng		99
29) 2,4-Dichlorophenol	8.11	162	262613	39.024	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	285327	38.488	ng		98
31) Naphthalene	8.27	128	853593	38.074	ng		99
32) Benzoic acid	8.02	122	167361m	37.252	ng		
33) 4-Chloroaniline	8.32	127	358989	38.162	ng		99
34) Hexachlorobutadiene	8.38	225	188571	39.037	ng		98
35) Caprolactam	8.70	113	85961m	39.186	ng		
36) 4-Chloro-3-methylphenol	8.81	107	271989	38.398	ng		97
37) 2-Methylnaphthalene	8.96	142	561739	37.802	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	298296	38.295	ng		97
40) Hexachlorocyclopentadiene	9.11	237	159852	39.886	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	200230	38.671	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	212039m	39.245	ng		
45) 1,1'-Biphenyl	9.42	154	690439	37.455	ng		99
46) 2-Chloronaphthalene	9.45	162	546567	37.668	ng		97
47) 2-Nitroaniline	9.55	65	191473	39.242	ng		90
48) Acenaphthylene	9.87	152	867494	37.868	ng		98
49) Dimethylphthalate	9.72	163	651368	37.547	ng		99
50) 2,6-Dinitrotoluene	9.79	165	141088	38.407	ng		98
51) Acenaphthene	10.04	154	522397	36.213	ng		99
52) 3-Nitroaniline	9.97	138	167739	39.681	ng		95
53) 2,4-Dinitrophenol	10.07	184	68851	38.990	ng	#	18
54) Dibenzofuran	10.21	168	756910	38.319	ng		98
55) 4-Nitrophenol	10.14	139	120738	40.919	ng		93
56) 2,4-Dinitrotoluene	10.20	165	191708	39.981	ng	#	94
57) Fluorene	10.56	166	580941	37.062	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	170844	39.779	ng	#	83
59) Diethylphthalate	10.42	149	635766	37.970	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	308744	37.645	ng		93
61) 4-Nitroaniline	10.58	138	164214	39.143	ng		99
62) Azobenzene	10.71	77	622608	37.760	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	113013	40.405	ng		89
65) n-Nitrosodiphenylamine	10.67	169	587018	38.570	ng		94
66) 4-Bromophenyl-phenylether	11.04	248	209662	38.825	ng	#	85
67) Hexachlorobenzene	11.10	284	221609	39.209	ng	#	88
68) Atrazine	11.19	200	190785	39.432	ng		95
69) Pentachlorophenol	11.30	266	115990	41.129	ng		98
70) Phenanthrene	11.52	178	858727	39.347	ng		99
71) Anthracene	11.58	178	871247	39.111	ng		98
72) Carbazole	11.73	167	792929	38.019	ng		99
73) Di-n-butylphthalate	12.05	149	937034	38.137	ng		99
74) Fluoranthene	12.72	202	940085	39.081	ng		97
76) Benzidine	12.84	184	457637	41.741	ng		99
77) Pyrene	12.95	202	969589	38.194	ng		98
79) Butylbenzylphthalate	13.55	149	406639	38.960	ng	#	98
80) Benzo(a)anthracene	14.15	228	895049	38.148	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	313953	38.072	ng	#	96
82) Chrysene	14.19	228	819059	37.945	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	519078	38.900	ng		98
84) Di-n-octyl phthalate	14.75	149	831617	38.233	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	669420	36.544	ng	#	92
87) Benzo(b)fluoranthene	15.25	252	732110	37.917	ng		97
88) Benzo(k)fluoranthene	15.28	252	747648	40.661	ng	#	96
89) Benzo(a)pyrene	15.64	252	659564	38.426	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	558164	38.370	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	549312	38.634	ng	#	93

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

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