Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108461.D
Acq On : 24 Aug 2018 14:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/27/2018 12:56:28 PM

Quant Time: Aug 24 14:52:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	128356	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	505356	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	258838	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	515034	20.00	ng		0.00
75) Chrysene-d12	14.20	240	378984	20.00	ng		0.00
86) Perylene-d12	15.75	264	286516	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	587685	82.89	ng		0.00
7) Phenol-d6	6.62	99	770463	81.78	ng		0.00
23) Nitrobenzene-d5	7.57	82	749524	82.76	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	238898	92.53	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1422616	88.24	ng		0.00
78) Terphenyl-d14	13.13	244	1420337	95.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	137557	37.760	ng		90
3) Pyridine	3.67	79	356336	37.972	ng		87
4) n-Nitrosodimethylamine	3.64	42	188640	35.724	ng		82
6) Aniline	6.67	93	520444	40.612	ng		96
8) 2-Chlorophenol	6.79	128	332379	41.626	ng		98
9) Benzaldehyde	6.56	77	276165	37.808	ng		98
10) Phenol	6.64	94	401942	41.245	ng		87
11) bis(2-Chloroethyl)ether	6.74	93	316940	40.228	ng		96
12) 1,3-Dichlorobenzene	6.94	146	381533	41.324	ng		98
13) 1,4-Dichlorobenzene	7.02	146	381099	41.083	ng		98
14) 1,2-Dichlorobenzene	7.17	146	355190	41.165	ng		99
15) Benzyl Alcohol	7.14	79	304279	38.365	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	607144	37.408	ng		99
17) 2-Methylphenol	7.25	107	287636	42.006	ng		95
18) Hexachloroethane	7.51	117	139118	42.125	ng		96
19) n-Nitroso-di-n-propylamine	7.41	70	249242	39.121	ng		89
20) 3+4-Methylphenols	7.40	107	354961	40.452	ng	#	83
22) Acetophenone	7.41	105	474045	40.117	ng	#	95
24) Nitrobenzene	7.59	77	370443	40.451	ng		99
25) Isophorone	7.82	82	679872	39.386	ng		96
26) 2-Nitrophenol	7.90	139	165627	47.891	ng		91
27) 2,4-Dimethylphenol	7.93	122	309807	40.438	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	406303	40.320	ng		99
29) 2,4-Dichlorophenol	8.14	162	293688	41.656	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	322321	41.465	ng		97
31) Naphthalene	8.31	128	960847	41.808	ng		99
32) Benzoic acid	8.05	122	171596m	39.768	ng		
33) 4-Chloroaniline	8.35	127	408140	40.750	ng		96
34) Hexachlorobutadiene	8.42	225	205887	41.839	ng		99
35) Caprolactam	8.74	113	88846	40.212	ng	#	84
36) 4-Chloro-3-methylphenol	8.83	107	312467	41.082	ng		97
37) 2-Methylnaphthalene	9.00	142	670636	41.244	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	340141	42.792	ng		98
40) Hexachlorocyclopentadiene	9.15	237	219712	42.795	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	215622	43.714	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	238573	43.937	ng	#	94
45) 1,1'-Biphenyl	9.47	154	805316	42.198	ng		98
46) 2-Chloronaphthalene	9.50	162	630578	41.806	ng		98
47) 2-Nitroaniline	9.59	65	210197	43.070	ng		87
48) Acenaphthylene	9.91	152	1001110	41.983	ng		98
49) Dimethylphthalate	9.76	163	743032	41.210	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	163179	43.257	ng		100
51) Acenaphthene	10.08	154	576827	39.494	ng		99
52) 3-Nitroaniline	10.00	138	173824	42.115	ng		93
53) 2,4-Dinitrophenol	10.11	184	56421	43.479	ng	#	22
54) Dibenzofuran	10.25	168	889230	42.024	ng		96
55) 4-Nitrophenol	10.15	139	122031	39.044	ng	#	82
56) 2,4-Dinitrotoluene	10.24	165	214832	44.244	ng	#	99
57) Fluorene	10.60	166	707609	42.244	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	195655	43.111	ng	#	86
59) Diethylphthalate	10.46	149	727003	41.640	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	362497	41.531	ng		96
61) 4-Nitroaniline	10.62	138	179082	43.886	ng		91
62) Azobenzene	10.75	77	733713	40.692	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	81755	42.919	ng		84
65) n-Nitrosodiphenylamine	10.71	169	627239	41.212	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	237394	42.414	ng	#	89
67) Hexachlorobenzene	11.15	284	246615	41.877	ng		90
68) Atrazine	11.23	200	218550	42.813	ng		97
69) Pentachlorophenol	11.34	266	107469	38.127	ng		98
70) Phenanthrene	11.57	178	1025278	42.206	ng		99
71) Anthracene	11.62	178	1058027	42.495	ng		99
72) Carbazole	11.78	167	925204	41.824	ng		99
73) Di-n-butylphthalate	12.09	149	1126547	44.961	ng		100
74) Fluoranthene	12.77	202	1114152	42.024	ng		96
76) Benzidine	12.88	184	655519	46.294	ng		99
77) Pyrene	12.99	202	1110885	46.299	ng		99
79) Butylbenzylphthalate	13.59	149	455799	47.840	ng		96
80) Benzo(a)anthracene	14.19	228	920111	42.304	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	323183	41.463	ng	#	98
82) Chrysene	14.23	228	835891	41.920	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	586593	45.465	ng	#	100
84) Di-n-octyl phthalate	14.77	149	903618	45.923	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	655313	37.929	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	716840	41.870	ng		97
88) Benzo(k)fluoranthene	15.32	252	666432	42.346	ng	#	95
89) Benzo(a)pyrene	15.69	252	635362	41.443	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	548054	43.205	ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	549217	43.970	ng	#	89

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

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