Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102457.D
Acq On : 26 Jan 2018 7:20
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/26/2018 4:04:25 PM

Quant Time: Jan 26 12:01:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113940	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	420966	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	152080	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	229322	20.00	ng		0.00
75) Chrysene-d12	13.88	240	228328	20.00	ng		0.00
86) Perylene-d12	15.30	264	186569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	608940	81.03	ng		0.00
7) Phenol-d6	6.36	99	690697	76.24	ng		0.00
23) Nitrobenzene-d5	7.29	82	588271	80.31	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	97074	64.42	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	955671	92.40	ng		0.00
78) Terphenyl-d14	12.82	244	698886	69.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	143341	40.147	ng		97
3) Pyridine	3.05	79	382294	40.973	ng		96
4) n-Nitrosodimethylamine	3.02	42	144629	39.539	ng		99
6) Aniline	6.38	93	464141	38.734	ng	#	84
8) 2-Chlorophenol	6.50	128	302640	38.420	ng		97
9) Benzaldehyde	6.27	77	201945	40.257	ng		97
10) Phenol	6.37	94	370998	37.511	ng	#	72
11) bis(2-Chloroethyl)ether	6.46	93	294635	39.168	ng		99
12) 1,3-Dichlorobenzene	6.66	146	359061	38.327	ng		98
13) 1,4-Dichlorobenzene	6.73	146	366009	39.002	ng		99
14) 1,2-Dichlorobenzene	6.89	146	333278	38.826	ng		99
15) Benzyl Alcohol	6.86	79	229574	35.915	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	477325	37.834	ng		95
17) 2-Methylphenol	6.98	107	253250	37.018	ng		98
18) Hexachloroethane	7.22	117	105638	32.303	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	203178	36.647	ng		99
20) 3+4-Methylphenols	7.13	107	306459	38.088	ng	#	63
22) Acetophenone	7.13	105	413629	41.218	ng	#	92
24) Nitrobenzene	7.30	77	301988	40.284	ng		100
25) Isophorone	7.54	82	508038	38.902	ng		99
26) 2-Nitrophenol	7.62	139	115800	29.350	ng		89
27) 2,4-Dimethylphenol	7.66	122	231494	40.407	ng		95
28) bis(2-Chloroethoxy)methane	7.75	93	325501	40.349	ng		99
29) 2,4-Dichlorophenol	7.86	162	215989	37.011	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	244488	39.082	ng		99
31) Naphthalene	8.02	128	813236	38.692	ng		99
32) Benzoic acid	7.76	122	84999m	17.708	ng		
33) 4-Chloroaniline	8.07	127	326203	36.907	ng		98
34) Hexachlorobutadiene	8.13	225	136019	40.710	ng		98
35) Caprolactam	8.45	113	60513	31.397	ng		89
36) 4-Chloro-3-methylphenol	8.56	107	207217	33.686	ng		98
37) 2-Methylnaphthalene	8.71	142	509522	36.401	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	201468	44.032	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	115100	37.578	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	128802	37.348	ng		97
45) 1,1'-Biphenyl	9.17	154	590380	43.415	ng		99
46) 2-Chloronaphthalene	9.20	162	435746	41.225	ng		97
47) 2-Nitroaniline	9.30	65	129378	39.261	ng		98
48) Acenaphthylene	9.62	152	651252	39.548	ng		99
49) Dimethylphthalate	9.47	163	527158	41.937	ng		100
50) 2,6-Dinitrotoluene	9.55	165	91995	33.944	ng		92
51) Acenaphthene	9.79	154	376723	39.171	ng		99
52) 3-Nitroaniline	9.72	138	124190	38.736	ng		94
54) Dibenzofuran	9.96	168	523880	40.249	ng		98
55) 4-Nitrophenol	9.89	139	47566	22.476	ng		93
56) 2,4-Dinitrotoluene	9.95	165	100392	30.122	ng	#	93
57) Fluorene	10.30	166	403334	39.106	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	85142	34.578	ng		97
59) Diethylphthalate	10.17	149	480970	39.374	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	180504	40.367	ng		99
61) 4-Nitroaniline	10.33	138	119642	37.397	ng		85
62) Azobenzene	10.45	77	402844	36.020	ng		99
65) n-Nitrosodiphenylamine	10.41	169	352948	41.933	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	101303	41.036	ng		96
67) Hexachlorobenzene	10.85	284	103629	37.535	ng		97
68) Atrazine	10.94	200	82845	33.326	ng		98
69) Pentachlorophenol	11.05	266	44212	30.484	ng		95
70) Phenanthrene	11.26	178	530731	39.716	ng		98
71) Anthracene	11.32	178	556933	40.832	ng		99
72) Carbazole	11.47	167	548802	41.243	ng		99
73) Di-n-butylphthalate	11.80	149	693547	41.697	ng		99
74) Fluoranthene	12.45	202	594159	43.601	ng		97
76) Benzidine	12.58	184	279995	36.504	ng		99
77) Pyrene	12.68	202	621729	35.218	ng		99
79) Butylbenzylphthalate	13.30	149	315728	35.938	ng		93
80) Benzo(a)anthracene	13.87	228	566057	40.268	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	213573	41.416	ng		99
82) Chrysene	13.90	228	558988	39.158	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	466820	39.539	ng	#	99
84) Di-n-octyl phthalate	14.46	149	788146	41.049	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	362027	30.708	ng		97
87) Benzo(b)fluoranthene	14.90	252	478039	39.532	ng		98
88) Benzo(k)fluoranthene	14.93	252	466435	40.827	ng		97
89) Benzo(a)pyrene	15.24	252	421204	38.621	ng	#	97
90) Dibenzo(a,h)anthracene	16.71	278	309085	34.986	ng		97
91) Benzo(g,h,i)perylene	17.12	276	287319	32.938	ng		98

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

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