Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106696.D
Acq On : 22 Jun 2018 9:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:25 PM

Quant Time: Jun 22 11:41:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	70448	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	290043	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	155173	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	312786	20.00	ng		0.00
75) Chrysene-d12	14.15	240	257967	20.00	ng		0.00
86) Perylene-d12	15.69	264	220525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	310049	74.52	ng		0.00
7) Phenol-d6	6.61	99	392457	75.54	ng		0.00
23) Nitrobenzene-d5	7.53	82	379903	72.79	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	145673	81.00	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	703627	75.02	ng		0.00
78) Terphenyl-d14	13.08	244	853433	80.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	75729	35.406	ng		97
3) Pyridine	3.61	79	207618	35.791	ng		97
4) n-Nitrosodimethylamine	3.58	42	85839	34.841	ng		92
6) Aniline	6.63	93	265936	37.734	ng		98
8) 2-Chlorophenol	6.75	128	174069	38.147	ng		98
9) Benzaldehyde	6.52	77	130775	36.165	ng		97
10) Phenol	6.62	94	217471	36.678	ng		78
11) bis(2-Chloroethyl)ether	6.70	93	184120	37.615	ng		97
12) 1,3-Dichlorobenzene	6.91	146	204750	38.311	ng		97
13) 1,4-Dichlorobenzene	6.98	146	209945	38.855	ng		97
14) 1,2-Dichlorobenzene	7.14	146	193047	38.985	ng		97
15) Benzyl Alcohol	7.11	79	158380	37.965	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	235336	36.643	ng		69
17) 2-Methylphenol	7.22	107	150574	38.559	ng		97
18) Hexachloroethane	7.47	117	72313	38.057	ng	#	89
19) n-Nitroso-di-n-propylamine	7.37	70	125462	36.634	ng		95
20) 3+4-Methylphenols	7.37	107	172597	39.591	ng	#	66
22) Acetophenone	7.37	105	243746	37.563	ng	#	95
24) Nitrobenzene	7.55	77	192414	36.111	ng		99
25) Isophorone	7.78	82	336200	36.556	ng		98
26) 2-Nitrophenol	7.86	139	98670	39.226	ng		98
27) 2,4-Dimethylphenol	7.90	122	145981	37.547	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	228871	37.064	ng		98
29) 2,4-Dichlorophenol	8.11	162	159087	39.084	ng		92
30) 1,2,4-Trichlorobenzene	8.19	180	186085	41.499	ng		96
31) Naphthalene	8.27	128	514625	37.951	ng		100
32) Benzoic acid	8.02	122	83555m	31.749	ng		
33) 4-Chloroaniline	8.32	127	216492	38.049	ng		99
34) Hexachlorobutadiene	8.38	225	122837	42.042	ng		99
35) Caprolactam	8.70	113	50220m	37.849	ng		
36) 4-Chloro-3-methylphenol	8.81	107	164472	38.389	ng		98
37) 2-Methylnaphthalene	8.96	142	368435	40.991	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	199560	38.188	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	90572	33.687	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	119065	34.277	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	127832	35.268	ng	#	89
45) 1,1'-Biphenyl	9.42	154	456151	36.886	ng		99
46) 2-Chloronaphthalene	9.45	162	335956	34.513	ng		96
47) 2-Nitroaniline	9.55	65	108600	33.177	ng		98
48) Acenaphthylene	9.87	152	536121	34.885	ng		98
49) Dimethylphthalate	9.72	163	408833	35.129	ng		99
50) 2,6-Dinitrotoluene	9.79	165	94276	38.255	ng		93
51) Acenaphthene	10.04	154	334782	34.593	ng		98
52) 3-Nitroaniline	9.97	138	101300	35.721	ng		96
53) 2,4-Dinitrophenol	10.07	184	37580	32.720	ng	#	17
54) Dibenzofuran	10.21	168	500972	37.804	ng		97
55) 4-Nitrophenol	10.14	139	76280	38.535	ng		96
56) 2,4-Dinitrotoluene	10.20	165	125478	39.008	ng		91
57) Fluorene	10.56	166	386280	36.734	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	108581	37.685	ng	#	79
59) Diethylphthalate	10.42	149	386330	34.393	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	209924	38.154	ng	#	88
61) 4-Nitroaniline	10.58	138	100260	35.623	ng		95
62) Azobenzene	10.71	77	368091	33.277	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	73981	38.263	ng		80
65) n-Nitrosodiphenylamine	10.67	169	360489	34.265	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	143451	38.429	ng	#	81
67) Hexachlorobenzene	11.11	284	149845	38.353	ng	#	84
68) Atrazine	11.19	200	127683	38.177	ng		97
69) Pentachlorophenol	11.30	266	83316	42.738	ng		98
70) Phenanthrene	11.52	178	573117	37.989	ng		99
71) Anthracene	11.58	178	585443	38.019	ng		99
72) Carbazole	11.74	167	529734	36.744	ng		98
73) Di-n-butylphthalate	12.04	149	606095	35.685	ng		100
74) Fluoranthene	12.72	202	628048	37.770	ng		96
76) Benzidine	12.84	184	275657	37.521	ng		99
77) Pyrene	12.95	202	646077	37.980	ng		99
79) Butylbenzylphthalate	13.55	149	252604	36.117	ng	#	91
80) Benzo(a)anthracene	14.14	228	580307	36.910	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	193085	34.943	ng	#	95
82) Chrysene	14.18	228	532968	36.847	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	312405	34.938	ng	#	96
84) Di-n-octyl phthalate	14.74	149	526118	36.096	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	483114	39.358	ng	#	90
87) Benzo(b)fluoranthene	15.24	252	494276	36.081	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	482133	36.958	ng	#	95
89) Benzo(a)pyrene	15.63	252	452092	37.124	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	408669	39.597	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	401892	39.840	ng	#	90

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

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