Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106840.D
Acq On : 26 Jun 2018 23:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
6/27/2018 2:14:31 PM

Quant Time: Jun 27 04:09:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42537	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	151392	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	67495	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	133168	20.00	ng		0.00
75) Chrysene-d12	14.15	240	131322	20.00	ng		-0.02
86) Perylene-d12	15.68	264	94636	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	184612	73.49	ng		0.00
7) Phenol-d6	6.61	99	220095	70.16	ng		0.00
23) Nitrobenzene-d5	7.53	82	204452	75.05	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	55702	71.20	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	365684	93.11	ng		0.00
78) Terphenyl-d14	13.08	244	450729	83.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	45649	35.346	ng		97
3) Pyridine	3.58	79	115381	32.942	ng		97
4) n-Nitrosodimethylamine	3.54	42	48881	32.858	ng		86
6) Aniline	6.63	93	149050	35.026	ng		100
8) 2-Chlorophenol	6.75	128	98856	35.879	ng		100
9) Benzaldehyde	6.52	77	73480	32.834	ng		95
10) Phenol	6.62	94	122439	34.200	ng		77
11) bis(2-Chloroethyl)ether	6.70	93	104632	35.402	ng		99
12) 1,3-Dichlorobenzene	6.90	146	123424	38.247	ng		99
13) 1,4-Dichlorobenzene	6.98	146	125384	38.432	ng		99
14) 1,2-Dichlorobenzene	7.13	146	113113	37.831	ng		99
15) Benzyl Alcohol	7.10	79	86395	34.298	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	125109	32.263	ng		61
17) 2-Methylphenol	7.22	107	86348	36.621	ng		95
18) Hexachloroethane	7.47	117	30950	26.976	ng	#	81
19) n-Nitroso-di-n-propylamine	7.37	70	70601	34.142	ng		92
20) 3+4-Methylphenols	7.37	107	98955	36.996	ng	#	62
22) Acetophenone	7.37	105	137067	40.468	ng	#	98
24) Nitrobenzene	7.55	77	101422	36.466	ng		97
25) Isophorone	7.78	82	165360	34.447	ng		97
26) 2-Nitrophenol	7.86	139	33109	25.217	ng		98
27) 2,4-Dimethylphenol	7.90	122	77344	38.112	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	123346	38.269	ng		99
29) 2,4-Dichlorophenol	8.11	162	76870	36.181	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	97998	41.870	ng		96
31) Naphthalene	8.27	128	275712	38.953	ng		99
32) Benzoic acid	7.97	122	12881m	13.415	ng		
33) 4-Chloroaniline	8.32	127	108183	36.426	ng		98
34) Hexachlorobutadiene	8.37	225	67029	43.951	ng		98
35) Caprolactam	8.68	113	21338	30.810	ng		96
36) 4-Chloro-3-methylphenol	8.81	107	75923	33.950	ng		97
37) 2-Methylnaphthalene	8.96	142	183377	39.087	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	96310	42.371	ng	#	96
42) 2,4,6-Trichlorophenol	9.24	196	51296	33.950	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	51552m	32.698	ng		
45) 1,1'-Biphenyl	9.42	154	225726	41.964	ng		98
46) 2-Chloronaphthalene	9.45	162	157467	37.191	ng		96
47) 2-Nitroaniline	9.55	65	48261	33.896	ng		97
48) Acenaphthylene	9.87	152	246449	36.867	ng		99
49) Dimethylphthalate	9.71	163	194967	38.514	ng		99
50) 2,6-Dinitrotoluene	9.78	165	38004	35.453	ng		91
51) Acenaphthene	10.04	154	155559	36.955	ng		98
52) 3-Nitroaniline	9.96	138	46650	37.819	ng		100
53) 2,4-Dinitrophenol	10.08	184	265	5.797	ng	#	14
54) Dibenzofuran	10.21	168	227388	39.449	ng		97
55) 4-Nitrophenol	10.14	139	17710	20.569	ng		97
56) 2,4-Dinitrotoluene	10.19	165	45978	32.861	ng	#	91
57) Fluorene	10.55	166	177575	38.823	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	39671	31.654	ng	#	77
59) Diethylphthalate	10.41	149	181032	37.052	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	95472	39.893	ng		89
61) 4-Nitroaniline	10.58	138	48670	39.757	ng		93
62) Azobenzene	10.70	77	153921	31.991	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	2801	3.403	ng		87
65) n-Nitrosodiphenylamine	10.66	169	159905	35.700	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	61978	38.997	ng	#	82
67) Hexachlorobenzene	11.10	284	65316	39.266	ng	#	85
68) Atrazine	11.18	200	49850	35.009	ng		96
69) Pentachlorophenol	11.30	266	11191	13.483	ng		98
70) Phenanthrene	11.52	178	263626	41.044	ng		99
71) Anthracene	11.57	178	266612	40.667	ng		99
72) Carbazole	11.73	167	246770	40.204	ng		98
73) Di-n-butylphthalate	12.04	149	277769	38.413	ng		98
74) Fluoranthene	12.71	202	313563	44.292	ng		96
76) Benzidine	12.84	184	132333	35.383	ng		98
77) Pyrene	12.95	202	325379	37.574	ng		98
79) Butylbenzylphthalate	13.55	149	129570	36.391	ng	#	90
80) Benzo(a)anthracene	14.14	228	299707	37.446	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	105411	37.473	ng	#	95
82) Chrysene	14.18	228	277380m	37.670	ng		
83) Bis(2-ethylhexyl)phthalate	14.10	149	170679	37.496	ng	#	98
84) Di-n-octyl phthalate	14.72	149	308804	41.619	ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	198154	31.711	ng	#	89
87) Benzo(b)fluoranthene	15.23	252	223734	38.058	ng	#	96
88) Benzo(k)fluoranthene	15.26	252	230204	41.120	ng	#	95
89) Benzo(a)pyrene	15.62	252	196456	37.592	ng	#	97
90) Dibenzo(a,h)anthracene	17.28	278	167349	37.785	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	161278	37.255	ng	#	89

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

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