Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106620.D
Acq On : 20 Jun 2018 15:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/21/2018 11:27:50 AM

Quant Time: Jun 21 01:14:57 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	117632	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	476947	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	246715	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	487734	20.00	ng		0.00
75) Chrysene-d12	14.15	240	396021	20.00	ng		0.00
86) Perylene-d12	15.70	264	326709	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	506254	72.88	ng		0.00
7) Phenol-d6	6.60	99	640710	73.85	ng		0.00
23) Nitrobenzene-d5	7.53	82	625635	72.90	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	225320	78.80	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1089942	72.63	ng		0.00
78) Terphenyl-d14	13.08	244	1251820	76.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	128131	35.876	ng		96
3) Pyridine	3.60	79	353340	36.480	ng		99
4) n-Nitrosodimethylamine	3.57	42	151546	36.838	ng		87
6) Aniline	6.63	93	444190	37.746	ng		100
8) 2-Chlorophenol	6.75	128	284273	37.309	ng		99
9) Benzaldehyde	6.52	77	216302	35.699	ng		99
10) Phenol	6.62	94	364576	36.824	ng		75
11) bis(2-Chloroethyl)ether	6.70	93	308015	37.685	ng		98
12) 1,3-Dichlorobenzene	6.90	146	334123	37.441	ng		99
13) 1,4-Dichlorobenzene	6.98	146	338328	37.500	ng		99
14) 1,2-Dichlorobenzene	7.14	146	310288	37.527	ng		96
15) Benzyl Alcohol	7.10	79	265383	38.097	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	410371	38.267	ng		89
17) 2-Methylphenol	7.22	107	244670	37.523	ng		97
18) Hexachloroethane	7.47	117	119790	37.756	ng	#	88
19) n-Nitroso-di-n-propylamine	7.37	70	208274	36.421	ng		95
20) 3+4-Methylphenols	7.37	107	274212	37.094	ng	#	64
22) Acetophenone	7.37	105	393867	36.912	ng	#	93
24) Nitrobenzene	7.55	77	316506	36.122	ng		99
25) Isophorone	7.78	82	564090	37.300	ng		99
26) 2-Nitrophenol	7.86	139	157705	38.127	ng		97
27) 2,4-Dimethylphenol	7.90	122	237706	37.180	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	380466	37.469	ng		99
29) 2,4-Dichlorophenol	8.11	162	257658	38.494	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	298151	40.435	ng		99
31) Naphthalene	8.27	128	824420	36.972	ng		99
32) Benzoic acid	8.02	122	143209m	32.849	ng		
33) 4-Chloroaniline	8.31	127	350327	37.442	ng		98
34) Hexachlorobutadiene	8.38	225	201014	41.838	ng		100
35) Caprolactam	8.70	113	83005	38.043	ng		97
36) 4-Chloro-3-methylphenol	8.80	107	265879	37.739	ng		99
37) 2-Methylnaphthalene	8.96	142	590261	39.936	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	316916	38.143	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	170655	39.922	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	193576	35.050	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	208346	36.153	ng		92
45) 1,1'-Biphenyl	9.42	154	721493	36.695	ng		98
46) 2-Chloronaphthalene	9.45	162	529986	34.244	ng		94
47) 2-Nitroaniline	9.55	65	178800	34.356	ng		93
48) Acenaphthylene	9.87	152	840596	34.402	ng		98
49) Dimethylphthalate	9.72	163	638118	34.486	ng		99
50) 2,6-Dinitrotoluene	9.79	165	148632	37.933	ng		87
51) Acenaphthene	10.04	154	568157	36.925	ng		98
52) 3-Nitroaniline	9.96	138	160477	35.591	ng		97
53) 2,4-Dinitrophenol	10.07	184	65335	35.278	ng	#	16
54) Dibenzofuran	10.21	168	784906	37.253	ng		98
55) 4-Nitrophenol	10.13	139	110455	35.096	ng		92
56) 2,4-Dinitrotoluene	10.20	165	199262	38.961	ng	#	83
57) Fluorene	10.55	166	608386	36.388	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	182356	39.807	ng	#	78
59) Diethylphthalate	10.42	149	607827	34.034	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	325505	37.209	ng	#	88
61) 4-Nitroaniline	10.58	138	158464	35.412	ng		99
62) Azobenzene	10.70	77	598339	34.022	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	118492	39.302	ng		80
65) n-Nitrosodiphenylamine	10.67	169	561064	34.201	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	225336	38.712	ng	#	79
67) Hexachlorobenzene	11.10	284	236549	38.827	ng	#	85
68) Atrazine	11.19	200	197070	37.788	ng		93
69) Pentachlorophenol	11.30	266	124704	41.023	ng		98
70) Phenanthrene	11.52	178	874703	37.183	ng		98
71) Anthracene	11.57	178	899554	37.463	ng		98
72) Carbazole	11.73	167	820609	36.503	ng		98
73) Di-n-butylphthalate	12.04	149	922522	34.833	ng		99
74) Fluoranthene	12.71	202	952714	36.744	ng		96
76) Benzidine	12.83	184	432128	38.314	ng		99
77) Pyrene	12.95	202	976633	37.398	ng		99
79) Butylbenzylphthalate	13.55	149	385118	35.868	ng	#	90
80) Benzo(a)anthracene	14.14	228	880024	36.460	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	308424	36.358	ng	#	95
82) Chrysene	14.18	228	823717	37.096	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	487958	35.547	ng	#	95
84) Di-n-octyl phthalate	14.75	149	789224	35.272	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	708080	37.576	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	741491	36.536	ng		96
88) Benzo(k)fluoranthene	15.28	252	709723	36.722	ng	#	95
89) Benzo(a)pyrene	15.64	252	669822	37.126	ng	#	97
90) Dibenzo(a,h)anthracene	17.29	278	591734	38.700	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	589803	39.465	ng	#	89

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

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