Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108488.D
Acq On : 25 Aug 2018 3:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/27/2018 12:56:23 PM

Quant Time: Aug 25 04:24:28 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	121303	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	470527	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	223060	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	384106	20.00	ng		0.00
75) Chrysene-d12	14.19	240	262480	20.00	ng		0.00
86) Perylene-d12	15.75	264	274265	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	551108	82.25	ng		0.00
7) Phenol-d6	6.62	99	720128	80.88	ng		0.00
23) Nitrobenzene-d5	7.57	82	701211	83.16	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	155632	69.95	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1279351	92.08	ng		0.00
78) Terphenyl-d14	13.12	244	940261	91.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	126466	36.734	ng		89
3) Pyridine	3.65	79	336627	37.957	ng		88
4) n-Nitrosodimethylamine	3.62	42	175561	35.181	ng		85
6) Aniline	6.67	93	481687	39.773	ng		95
8) 2-Chlorophenol	6.79	128	307537	40.754	ng		98
9) Benzaldehyde	6.55	77	263248	38.135	ng		95
10) Phenol	6.64	94	405206	43.997	ng		88
11) bis(2-Chloroethyl)ether	6.73	93	301535	40.498	ng		91
12) 1,3-Dichlorobenzene	6.94	146	362198	41.511	ng		99
13) 1,4-Dichlorobenzene	7.02	146	358514	40.896	ng		99
14) 1,2-Dichlorobenzene	7.17	146	338191	41.474	ng		99
15) Benzyl Alcohol	7.14	79	284853	38.003	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	564732	36.818	ng		99
17) 2-Methylphenol	7.25	107	263152	40.665	ng		94
18) Hexachloroethane	7.51	117	125747	40.290	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	232116	38.552	ng		90
20) 3+4-Methylphenols	7.40	107	323520	39.012	ng		94
22) Acetophenone	7.41	105	443914	40.348	ng		97
24) Nitrobenzene	7.58	77	344413	40.392	ng		94
25) Isophorone	7.82	82	625604	38.925	ng		96
26) 2-Nitrophenol	7.90	139	129501	40.217	ng		96
27) 2,4-Dimethylphenol	7.92	122	279443	39.175	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	377997	40.288	ng		99
29) 2,4-Dichlorophenol	8.14	162	261604	39.851	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	292212	40.374	ng		97
31) Naphthalene	8.31	128	887363	41.468	ng		99
32) Benzoic acid	8.01	122	73264m	21.471	ng		
33) 4-Chloroaniline	8.35	127	364303	39.066	ng		97
34) Hexachlorobutadiene	8.41	225	196639	42.918	ng		98
35) Caprolactam	8.72	113	72132	35.064	ng	#	79
36) 4-Chloro-3-methylphenol	8.83	107	262708	37.097	ng		97
37) 2-Methylnaphthalene	9.00	142	606674	40.072	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	302356	44.140	ng		96
40) Hexachlorocyclopentadiene	9.14	237	54455	12.308	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	170462	40.102	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	175892	37.589	ng	#	94
45) 1,1'-Biphenyl	9.46	154	732272	44.525	ng		99
46) 2-Chloronaphthalene	9.49	162	559522	43.045	ng		99
47) 2-Nitroaniline	9.58	65	181427	43.137	ng		85
48) Acenaphthylene	9.91	152	882982	42.968	ng		100
49) Dimethylphthalate	9.76	163	670905	43.178	ng		99
50) 2,6-Dinitrotoluene	9.82	165	137274	42.227	ng		90
51) Acenaphthene	10.08	154	500966	39.802	ng		100
52) 3-Nitroaniline	10.00	138	143350	40.303	ng		98
53) 2,4-Dinitrophenol	10.11	184	4693	10.540	ng	#	23
54) Dibenzofuran	10.25	168	762303	41.804	ng		99
55) 4-Nitrophenol	10.15	139	64978	24.125	ng		88
56) 2,4-Dinitrotoluene	10.23	165	172239	41.161	ng	#	96
57) Fluorene	10.60	166	588298	40.754	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	123481	31.572	ng	#	87
59) Diethylphthalate	10.45	149	635055	42.208	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	309555	41.154	ng		91
61) 4-Nitroaniline	10.61	138	131212	37.313	ng		87
62) Azobenzene	10.74	77	614323	39.536	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	11643	12.531	ng		85
65) n-Nitrosodiphenylamine	10.70	169	529677	46.665	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	193403	46.333	ng	#	84
67) Hexachlorobenzene	11.15	284	190270	43.323	ng	#	85
68) Atrazine	11.22	200	167242	43.929	ng		97
69) Pentachlorophenol	11.34	266	67290m	32.010	ng		
70) Phenanthrene	11.57	178	769790	42.490	ng		99
71) Anthracene	11.62	178	784094	42.227	ng		99
72) Carbazole	11.77	167	631744	38.293	ng		99
73) Di-n-butylphthalate	12.08	149	872573	46.695	ng		99
74) Fluoranthene	12.76	202	720412	36.435	ng		94
76) Benzidine	12.88	184	260775	26.591	ng		100
77) Pyrene	12.99	202	700665	42.164	ng		100
79) Butylbenzylphthalate	13.59	149	298709	45.268	ng		97
80) Benzo(a)anthracene	14.18	228	631871	41.947	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	213956	39.633	ng	#	98
82) Chrysene	14.22	228	590451	42.755	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	411808	46.085	ng		99
84) Di-n-octyl phthalate	14.77	149	692487	50.814	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	551163	46.061	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	648745	39.585	ng	#	96
88) Benzo(k)fluoranthene	15.31	252	602226	39.975	ng	#	96
89) Benzo(a)pyrene	15.68	252	599747	40.867	ng	#	96
90) Dibenzo(a,h)anthracene	17.37	278	475307	39.144	ng	#	93
91) Benzo(g,h,i)perylene	17.85	276	430432	36.000	ng	#	90

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

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