Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108667.D
Acq On : 31 Aug 2018 3:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/31/2018 12:18:48 PM

Quant Time: Aug 31 05:05:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	84100	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	349324	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	163875	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	298799	20.00	ng		0.00
75) Chrysene-d12	14.19	240	298709	20.00	ng		0.00
86) Perylene-d12	15.75	264	263069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	330111	68.19	ng		0.00
7) Phenol-d6	6.64	99	510665	73.65	ng		0.00
23) Nitrobenzene-d5	7.57	82	560734	81.48	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	138007	63.79	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1085192	89.04	ng		0.00
78) Terphenyl-d14	13.12	244	1039691	67.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	75096	33.378	ng	#	91
3) Pyridine	3.65	79	173192m	33.318	ng		
4) n-Nitrosodimethylamine	3.64	42	71673m	27.641	ng		
6) Aniline	6.70	93	266614	35.634	ng	#	85
8) 2-Chlorophenol	6.80	128	230376	38.920	ng		97
9) Benzaldehyde	6.57	77	167307	39.040	ng		98
10) Phenol	6.65	94	306179	37.867	ng		85
11) bis(2-Chloroethyl)ether	6.74	93	271679	38.158	ng		97
12) 1,3-Dichlorobenzene	6.94	146	256291	37.344	ng		98
13) 1,4-Dichlorobenzene	7.02	146	302010	40.313	ng		98
14) 1,2-Dichlorobenzene	7.17	146	267386	38.862	ng		98
15) Benzyl Alcohol	7.16	79	153811m	30.838	ng		
16) 2,2'-oxybis(1-Chloropropan	7.27	45	420423	38.491	ng		73
17) 2-Methylphenol	7.26	107	171278	37.217	ng	#	62
18) Hexachloroethane	7.50	117	90790	35.239	ng		98
19) n-Nitroso-di-n-propylamine	7.40	70	173999	37.473	ng		91
20) 3+4-Methylphenols	7.41	107	200563	34.783	ng	#	19
22) Acetophenone	7.41	105	337706	38.726	ng	#	89
24) Nitrobenzene	7.59	77	275462	39.475	ng		95
25) Isophorone	7.81	82	422451	36.952	ng		96
26) 2-Nitrophenol	7.91	139	114074	36.111	ng		93
27) 2,4-Dimethylphenol	7.94	122	168694	36.718	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	269622	37.334	ng		98
29) 2,4-Dichlorophenol	8.15	162	200898	36.859	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	232655	38.171	ng		96
31) Naphthalene	8.31	128	684761	41.155	ng		100
32) Benzoic acid	8.06	122	78287m	26.571	ng		
33) 4-Chloroaniline	8.37	127	244477	33.285	ng		98
34) Hexachlorobutadiene	8.41	225	152009	37.984	ng		98
35) Caprolactam	8.73	113	48539	33.421	ng	#	85
36) 4-Chloro-3-methylphenol	8.84	107	204361	34.934	ng		99
37) 2-Methylnaphthalene	8.99	142	413238	36.708	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	236376	40.629	ng	#	96
40) Hexachlorocyclopentadiene	9.14	237	11246	11.204	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	128506	37.300	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	160280	39.895	ng		95
45) 1,1'-Biphenyl	9.46	154	581318	40.747	ng		97
46) 2-Chloronaphthalene	9.49	162	449011	40.203	ng		97
47) 2-Nitroaniline	9.60	65	139667	37.390	ng		92
48) Acenaphthylene	9.91	152	635250	38.850	ng		99
49) Dimethylphthalate	9.75	163	502081	38.908	ng		99
50) 2,6-Dinitrotoluene	9.83	165	106912	37.586	ng		94
51) Acenaphthene	10.08	154	385130	39.393	ng		99
52) 3-Nitroaniline	10.02	138	117782	38.277	ng		95
53) 2,4-Dinitrophenol	10.15	184	11070	11.445	ng	#	54
54) Dibenzofuran	10.25	168	570441	37.288	ng		98
55) 4-Nitrophenol	10.21	139	30954	19.590	ng	#	82
56) 2,4-Dinitrotoluene	10.24	165	133188	35.363	ng	#	89
57) Fluorene	10.59	166	426668	35.988	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	121858	33.858	ng	#	80
59) Diethylphthalate	10.45	149	480660	36.971	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	251165	37.334	ng		95
61) 4-Nitroaniline	10.64	138	102120	34.296	ng		96
62) Azobenzene	10.74	77	462361	35.780	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	25062	18.903	ng		83
65) n-Nitrosodiphenylamine	10.70	169	415891	41.894	ng		97
66) 4-Bromophenyl-phenylether	11.07	248	148253	40.370	ng	#	88
67) Hexachlorobenzene	11.14	284	153174	38.716	ng	#	87
68) Atrazine	11.22	200	115682	40.416	ng		95
69) Pentachlorophenol	11.35	266	71830	34.167	ng		97
70) Phenanthrene	11.57	178	574084	38.064	ng		99
71) Anthracene	11.62	178	619308	39.080	ng		99
72) Carbazole	11.78	167	589122	38.447	ng		98
73) Di-n-butylphthalate	12.08	149	687740	39.011	ng		99
74) Fluoranthene	12.76	202	679226	40.010	ng		94
76) Benzidine	12.89	184	303312	36.073	ng		99
77) Pyrene	12.99	202	697846	31.078	ng		99
79) Butylbenzylphthalate	13.58	149	298482	31.612	ng		95
80) Benzo(a)anthracene	14.18	228	658821	36.179	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	279712	42.355	ng	#	98
82) Chrysene	14.22	228	678467	38.743	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	404584	33.336	ng		99
84) Di-n-octyl phthalate	14.75	149	734539	41.165	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	449500	36.915	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	577821	35.756	ng	#	97
88) Benzo(k)fluoranthene	15.31	252	645589	40.328	ng	#	96
89) Benzo(a)pyrene	15.68	252	543051	37.185	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	394316	33.807	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	346803	30.593	ng	#	90

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

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