Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108683.D
Acq On : 31 Aug 2018 11:17
Operator : JU/SJ
Sample : PB112495BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112495BS

Manual Integrations APPROVED
Sohil
8/31/2018 12:19:27 PM

Quant Time: Aug 31 12:09:53 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	7.00	152	89459	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	355976	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	174749	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	310560	20.00	ng		0.00
75) Chrysene-d12	14.20	240	277376	20.00	ng		0.00
86) Perylene-d12	15.75	264	246325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	259299	50.35	ng		0.00
7) Phenol-d6	6.64	99	517605	70.18	ng		-0.01
23) Nitrobenzene-d5	7.57	82	558543	79.64	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	154818	67.11	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1114802	85.78	ng		0.00
78) Terphenyl-d14	13.12	244	980760	68.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	64566	26.979	ng		95
3) Pyridine	3.71	79	144807m	26.189	ng		
4) n-Nitrosodimethylamine	3.70	42	64206m	23.278	ng		
6) Aniline	6.69	93	177928	22.356	ng	#	83
8) 2-Chlorophenol	6.79	128	227058	36.062	ng		92
9) Benzaldehyde	6.58	77	100180m	21.976	ng		
10) Phenol	6.65	94	292703	34.032	ng		82
11) bis(2-Chloroethyl)ether	6.73	93	253534	33.477	ng		97
12) 1,3-Dichlorobenzene	6.94	146	234936	32.181	ng		100
13) 1,4-Dichlorobenzene	7.02	146	279040	35.016	ng		98
14) 1,2-Dichlorobenzene	7.17	146	244706	33.435	ng		98
15) Benzyl Alcohol	7.15	79	140459m	26.474	ng		
16) 2,2'-oxybis(1-Chloropropan	7.26	45	407542	35.077	ng		70
17) 2-Methylphenol	7.25	107	170210	34.769	ng	#	63
18) Hexachloroethane	7.50	117	86352	31.509	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	163964	33.196	ng		90
20) 3+4-Methylphenols	7.41	107	197944	32.272	ng	#	23
22) Acetophenone	7.41	105	348975	39.270	ng	#	89
24) Nitrobenzene	7.58	77	235888	33.172	ng		92
25) Isophorone	7.81	82	475706	40.833	ng		97
26) 2-Nitrophenol	7.90	139	107944	33.532	ng		90
27) 2,4-Dimethylphenol	7.93	122	191865	40.981	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	276663	37.593	ng		98
29) 2,4-Dichlorophenol	8.15	162	202478	36.454	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	222275	35.787	ng		96
31) Naphthalene	8.30	128	703856	41.512	ng		99
32) Benzoic acid	8.06	122	104466m	34.794	ng		
33) 4-Chloroaniline	8.37	127	155161	20.730	ng		95
34) Hexachlorobutadiene	8.41	225	142186	34.865	ng		97
35) Caprolactam	8.72	113	49262	33.285	ng	#	82
36) 4-Chloro-3-methylphenol	8.84	107	203904	34.205	ng		98
37) 2-Methylnaphthalene	9.00	142	463648	40.416	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	242121	39.027	ng		97
40) Hexachlorocyclopentadiene	9.14	237	40296	21.119	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	131054	35.672	ng		100
43) 2,4,5-Trichlorophenol	9.33	196	155498	36.296	ng		95
45) 1,1'-Biphenyl	9.46	154	590905	38.842	ng		97
46) 2-Chloronaphthalene	9.49	162	441226	37.047	ng		98
47) 2-Nitroaniline	9.60	65	143085	35.921	ng		90
48) Acenaphthylene	9.91	152	697782	40.019	ng		100
49) Dimethylphthalate	9.75	163	527266	38.317	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	111894	36.890	ng	#	81
51) Acenaphthene	10.08	154	382315	36.672	ng		100
52) 3-Nitroaniline	10.02	138	86929	26.492	ng		92
53) 2,4-Dinitrophenol	10.12	184	44954	43.586	ng	#	47
54) Dibenzofuran	10.25	168	608407	37.295	ng		97
55) 4-Nitrophenol	10.20	139	78164	39.877	ng	#	79
56) 2,4-Dinitrotoluene	10.24	165	140056	34.873	ng	#	91
57) Fluorene	10.60	166	479696	37.944	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	143921	37.500	ng	#	81
59) Diethylphthalate	10.45	149	513163	37.015	ng		98
60) 4-Chlorophenyl-phenylether	10.58	204	253972	35.402	ng		95
61) 4-Nitroaniline	10.64	138	90353	28.456	ng		94
62) Azobenzene	10.74	77	502241	36.447	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	33211	24.101	ng		84
65) n-Nitrosodiphenylamine	10.70	169	433522	42.016	ng		96
66) 4-Bromophenyl-phenylether	11.07	248	159831	41.875	ng		90
67) Hexachlorobenzene	11.14	284	158034	38.431	ng	#	86
68) Atrazine	11.22	200	137215	50.711	ng		95
69) Pentachlorophenol	11.34	266	130336	59.649	ng		96
70) Phenanthrene	11.57	178	631903	40.311	ng		99
71) Anthracene	11.62	178	704306	42.761	ng		100
72) Carbazole	11.78	167	575809	36.155	ng		99
73) Di-n-butylphthalate	12.08	149	758649	41.403	ng		99
74) Fluoranthene	12.76	202	696836	39.493	ng		94
76) Benzidine	12.90	184	220085	28.188	ng		99
77) Pyrene	12.99	202	693812	33.275	ng		100
79) Butylbenzylphthalate	13.58	149	295527	33.706	ng		96
80) Benzo(a)anthracene	14.18	228	659434	38.998	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	241370	39.360	ng	#	97
82) Chrysene	14.22	228	674753	41.494	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	401027	35.585	ng		100
84) Di-n-octyl phthalate	14.75	149	715791	43.199	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	450760	39.866	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	594711	39.303	ng	#	97
88) Benzo(k)fluoranthene	15.31	252	676729	45.147	ng	#	95
89) Benzo(a)pyrene	15.68	252	568425	41.569	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	388192	35.544	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	350917	33.060	ng	#	89

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

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