Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108684.D
Acq On : 31 Aug 2018 11:44
Operator : JU/SJ
Sample : PB112495BSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112495BSD

Manual Integrations APPROVED
Sohil
8/31/2018 12:19:29 PM

Quant Time: Aug 31 12:08:34 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	93096	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	360953	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	182038	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	336947	20.00	ng		0.00
75) Chrysene-d12	14.19	240	287235	20.00	ng		0.00
86) Perylene-d12	15.75	264	252619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	399871	74.62	ng		0.00
7) Phenol-d6	6.64	99	615703	80.22	ng		-0.01
23) Nitrobenzene-d5	7.57	82	659497	92.74	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	191826	79.82	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1298727	95.93	ng		0.00
78) Terphenyl-d14	13.12	244	1177311	79.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	74003	29.714	ng		92
3) Pyridine	3.72	79	175631m	30.522	ng		
4) n-Nitrosodimethylamine	3.70	42	86689m	30.201	ng		
6) Aniline	6.69	93	213931	25.830	ng	#	85
8) 2-Chlorophenol	6.79	128	267707	40.856	ng		92
9) Benzaldehyde	6.58	77	126560m	26.678	ng		
10) Phenol	6.65	94	338521	37.822	ng		82
11) bis(2-Chloroethyl)ether	6.73	93	306311	38.865	ng		98
12) 1,3-Dichlorobenzene	6.94	146	279318	36.766	ng		100
13) 1,4-Dichlorobenzene	7.02	146	325959	39.306	ng		97
14) 1,2-Dichlorobenzene	7.17	146	306498	40.242	ng		99
15) Benzyl Alcohol	7.16	79	173361	31.399	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.26	45	476041	39.372	ng		68
17) 2-Methylphenol	7.25	107	203585	39.962	ng	#	69
18) Hexachloroethane	7.50	117	102297	35.869	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	202862	39.467	ng		91
20) 3+4-Methylphenols	7.41	107	237847	37.263	ng	#	24
22) Acetophenone	7.41	105	413042	45.839	ng	#	89
24) Nitrobenzene	7.58	77	284379	39.439	ng		92
25) Isophorone	7.81	82	528779	44.763	ng		97
26) 2-Nitrophenol	7.90	139	130346	39.933	ng		89
27) 2,4-Dimethylphenol	7.93	122	231615	48.790	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	329901	44.209	ng		99
29) 2,4-Dichlorophenol	8.15	162	236253	41.949	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	263260	41.801	ng		96
31) Naphthalene	8.30	128	831294	48.352	ng		99
32) Benzoic acid	8.07	122	127602m	41.914	ng		
33) 4-Chloroaniline	8.37	127	175581	23.135	ng		95
34) Hexachlorobutadiene	8.41	225	166099	40.167	ng		99
35) Caprolactam	8.72	113	59857	39.886	ng	#	81
36) 4-Chloro-3-methylphenol	8.84	107	252296	41.739	ng		98
37) 2-Methylnaphthalene	9.00	142	548055	47.115	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	290155	44.897	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	70459	30.698	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	158261	41.353	ng		100
43) 2,4,5-Trichlorophenol	9.33	196	200197	44.859	ng		94
45) 1,1'-Biphenyl	9.46	154	697103	43.988	ng		97
46) 2-Chloronaphthalene	9.49	162	529583	42.686	ng		97
47) 2-Nitroaniline	9.60	65	173577	41.831	ng		87
48) Acenaphthylene	9.91	152	830690	45.734	ng		99
49) Dimethylphthalate	9.75	163	633184	44.171	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	133885	42.372	ng		94
51) Acenaphthene	10.08	154	451620	41.585	ng		99
52) 3-Nitroaniline	10.02	138	93550	27.368	ng		94
53) 2,4-Dinitrophenol	10.12	184	62462	58.136	ng	#	45
54) Dibenzofuran	10.25	168	724681	42.644	ng		96
55) 4-Nitrophenol	10.20	139	102340	48.898	ng	#	81
56) 2,4-Dinitrotoluene	10.24	165	172281	41.179	ng	#	88
57) Fluorene	10.60	166	579159	43.977	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	172718	43.201	ng	#	80
59) Diethylphthalate	10.45	149	613126	42.454	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	306210	40.975	ng		95
61) 4-Nitroaniline	10.64	138	113290	34.251	ng		94
62) Azobenzene	10.74	77	606938	42.281	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	44534	29.787	ng		85
65) n-Nitrosodiphenylamine	10.71	169	527441	47.115	ng		95
66) 4-Bromophenyl-phenylether	11.07	248	194585	46.988	ng	#	90
67) Hexachlorobenzene	11.14	284	191048	42.821	ng	#	86
68) Atrazine	11.22	200	168323	73.410	ng		95
69) Pentachlorophenol	11.34	266	160667	67.771	ng		97
70) Phenanthrene	11.57	178	779624	45.840	ng		99
71) Anthracene	11.62	178	850982	47.620	ng		99
72) Carbazole	11.78	167	713658	41.301	ng		98
73) Di-n-butylphthalate	12.08	149	925273	46.542	ng		99
74) Fluoranthene	12.76	202	841714	43.968	ng		94
76) Benzidine	12.90	184	158665	19.624	ng		98
77) Pyrene	12.99	202	840072	38.906	ng		99
79) Butylbenzylphthalate	13.58	149	357888	39.418	ng		97
80) Benzo(a)anthracene	14.18	228	767467	43.829	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	274590	43.241	ng	#	98
82) Chrysene	14.22	228	768598	45.643	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	492308	42.185	ng		99
84) Di-n-octyl phthalate	14.75	149	848975	49.478	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	535738	45.755	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	684801	44.129	ng	#	96
88) Benzo(k)fluoranthene	15.31	252	772551	50.255	ng	#	96
89) Benzo(a)pyrene	15.68	252	667369	47.588	ng		96
90) Dibenzo(a,h)anthracene	17.38	278	464413	41.464	ng	#	92
91) Benzo(g,h,i)perylene	17.86	276	416737	38.282	ng	#	89

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

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