Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108600.D
Acq On : 29 Aug 2018 13:12
Operator : JU/SJ
Sample : PB112433BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112433BS

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:28 PM

Quant Time: Aug 29 14:31:15 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	135254	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	506960	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	255806	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	500042	20.00	ng		0.00
75) Chrysene-d12	14.20	240	357409	20.00	ng		0.00
86) Perylene-d12	15.75	264	274933	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	726515	97.25	ng		0.01
7) Phenol-d6	6.64	99	1005954	101.33	ng		0.00
23) Nitrobenzene-d5	7.57	82	991233	109.11	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	298237	116.88	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1853345	116.32	ng		0.00
78) Terphenyl-d14	13.13	244	1781125	126.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	133331	34.733	ng		89
3) Pyridine	3.77	79	351917	35.588	ng		88
4) n-Nitrosodimethylamine	3.74	42	201406	36.197	ng	#	82
6) Aniline	6.67	93	389783	28.865	ng	#	83
8) 2-Chlorophenol	6.79	128	424270	50.424	ng		93
9) Benzaldehyde	6.56	77	236506	30.727	ng		98
10) Phenol	6.65	94	504559	49.134	ng		85
11) bis(2-Chloroethyl)ether	6.74	93	365374	44.010	ng		96
12) 1,3-Dichlorobenzene	6.94	146	468642	48.170	ng		100
13) 1,4-Dichlorobenzene	7.02	146	500641	51.218	ng		98
14) 1,2-Dichlorobenzene	7.17	146	443546	48.783	ng		98
15) Benzyl Alcohol	7.15	79	357448	42.770	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	739449	43.236	ng		81
17) 2-Methylphenol	7.25	107	355841	49.316	ng	#	87
18) Hexachloroethane	7.51	117	171007	49.140	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	316644	47.166	ng		90
20) 3+4-Methylphenols	7.41	107	453674	49.064	ng	#	60
22) Acetophenone	7.41	105	614471	51.836	ng	#	87
24) Nitrobenzene	7.59	77	467776	50.917	ng		97
25) Isophorone	7.82	82	872932	50.410	ng		96
26) 2-Nitrophenol	7.90	139	214454	61.813	ng		91
27) 2,4-Dimethylphenol	7.93	122	390357	50.791	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	517924	51.234	ng		99
29) 2,4-Dichlorophenol	8.14	162	382101	54.024	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	410305	52.617	ng		98
31) Naphthalene	8.31	128	1259188	54.616	ng		100
32) Benzoic acid	8.08	122	172356	39.810	ng		92
33) 4-Chloroaniline	8.36	127	158322	15.757	ng		98
34) Hexachlorobutadiene	8.41	225	267285	54.144	ng		97
35) Caprolactam	8.74	113	97383m	43.937	ng		
36) 4-Chloro-3-methylphenol	8.84	107	401677	52.645	ng		96
37) 2-Methylnaphthalene	9.00	142	853069	52.297	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	441737	56.233	ng		98
40) Hexachlorocyclopentadiene	9.14	237	439651	86.648	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	266730	54.717	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	295738	55.111	ng		96
45) 1,1'-Biphenyl	9.46	154	1046618	55.492	ng		99
46) 2-Chloronaphthalene	9.50	162	801901	53.795	ng		98
47) 2-Nitroaniline	9.60	65	265466	55.039	ng		89
48) Acenaphthylene	9.91	152	1258704	53.411	ng		99
49) Dimethylphthalate	9.76	163	943376	52.942	ng		99
50) 2,6-Dinitrotoluene	9.83	165	205726	55.183	ng	#	89
51) Acenaphthene	10.08	154	713699	49.445	ng		99
52) 3-Nitroaniline	10.01	138	109997	26.967	ng		90
53) 2,4-Dinitrophenol	10.12	184	115533	82.561	ng	#	27
54) Dibenzofuran	10.25	168	1088737	52.062	ng		95
55) 4-Nitrophenol	10.18	139	258573	83.712	ng	#	82
56) 2,4-Dinitrotoluene	10.24	165	265284	55.282	ng	#	93
57) Fluorene	10.60	166	885532	53.492	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	256803	57.255	ng	#	83
59) Diethylphthalate	10.46	149	901060	52.221	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	453987	52.630	ng		94
61) 4-Nitroaniline	10.64	138	186201	46.172	ng		91
62) Azobenzene	10.75	77	905270	50.802	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	91207	48.518	ng		91
65) n-Nitrosodiphenylamine	10.71	169	788212	53.342	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	295231	54.329	ng	#	87
67) Hexachlorobenzene	11.15	284	309175	54.074	ng	#	88
68) Atrazine	11.23	200	270921	54.663	ng		97
69) Pentachlorophenol	11.35	266	266792	97.488	ng		98
70) Phenanthrene	11.57	178	1270735	53.878	ng		99
71) Anthracene	11.62	178	1315047	54.401	ng		99
72) Carbazole	11.78	167	1138587	53.014	ng		99
73) Di-n-butylphthalate	12.08	149	1365697	56.139	ng		99
74) Fluoranthene	12.77	202	1371088	53.266	ng		95
76) Benzidine	12.88	184	490956	36.766	ng		98
77) Pyrene	13.00	202	1362043	60.194	ng		100
79) Butylbenzylphthalate	13.59	149	556956	61.987	ng	#	97
80) Benzo(a)anthracene	14.19	228	1115949	54.406	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	171022	23.266	ng	#	94
82) Chrysene	14.23	228	1032446	54.903	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	726535	59.711	ng		99
84) Di-n-octyl phthalate	14.77	149	1108671	59.746	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	864923	53.083	ng	#	89
87) Benzo(b)fluoranthene	15.29	252	871933	53.075	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	848599	56.192	ng	#	96
89) Benzo(a)pyrene	15.69	252	802184	54.529	ng	#	97
90) Dibenzo(a,h)anthracene	17.39	278	729427	59.926	ng	#	92
91) Benzo(g,h,i)perylene	17.88	276	731988	61.072	ng	#	89

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

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