Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108430.D
Acq On : 23 Aug 2018 19:37
Operator : JU/SJ
Sample : PB112238BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112238BS

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:07 PM

Quant Time: Aug 24 01:47:37 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	134258	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	535280	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	277292	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	548737	20.00	ng		0.00
75) Chrysene-d12	14.19	240	364050	20.00	ng		0.00
86) Perylene-d12	15.74	264	292250	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	797010	107.48	ng		0.00
7) Phenol-d6	6.62	99	1067426	108.32	ng		0.00
23) Nitrobenzene-d5	7.57	82	687669	71.69	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	320123	115.74	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1362454	78.88	ng		0.00
78) Terphenyl-d14	13.12	244	1457970	101.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.99	88	139803	36.689	ng		90
3) Pyridine	3.74	79	385949	39.320	ng		87
4) n-Nitrosodimethylamine	3.71	42	206541	37.395	ng	#	80
6) Aniline	6.67	93	432378	32.257	ng		98
8) 2-Chlorophenol	6.79	128	359791	43.078	ng		98
9) Benzaldehyde	6.55	77	231369	30.283	ng		96
10) Phenol	6.64	94	461084	45.234	ng		88
11) bis(2-Chloroethyl)ether	6.73	93	342191	41.524	ng		91
12) 1,3-Dichlorobenzene	6.94	146	404749	41.912	ng		99
13) 1,4-Dichlorobenzene	7.02	146	410008	42.257	ng		97
14) 1,2-Dichlorobenzene	7.17	146	383385	42.479	ng		98
15) Benzyl Alcohol	7.14	79	328155	39.556	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	659596	38.853	ng		99
17) 2-Methylphenol	7.24	107	311858	43.541	ng		95
18) Hexachloroethane	7.51	117	149092	43.161	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	268781	40.334	ng		90
20) 3+4-Methylphenols	7.40	107	380582	41.465	ng	#	86
22) Acetophenone	7.41	105	518009	41.387	ng	#	93
24) Nitrobenzene	7.58	77	404828	41.734	ng		96
25) Isophorone	7.82	82	739598	40.451	ng		98
26) 2-Nitrophenol	7.90	139	178333	48.682	ng	#	86
27) 2,4-Dimethylphenol	7.92	122	340093	41.910	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	446276	41.811	ng		99
29) 2,4-Dichlorophenol	8.14	162	323644	43.338	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	346370	42.068	ng		97
31) Naphthalene	8.31	128	1041063	42.766	ng		99
32) Benzoic acid	8.04	122	147043	33.314	ng		95
33) 4-Chloroaniline	8.35	127	219747	20.714	ng		96
34) Hexachlorobutadiene	8.41	225	222905	42.765	ng		100
35) Caprolactam	8.72	113	93857m	40.106	ng		
36) 4-Chloro-3-methylphenol	8.83	107	344677	42.784	ng		97
37) 2-Methylnaphthalene	9.00	142	728205	42.280	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	371815	43.664	ng		98
40) Hexachlorocyclopentadiene	9.15	237	376620	68.474	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	239690	45.360	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	259016	44.528	ng		93
45) 1,1'-Biphenyl	9.46	154	899753	44.009	ng		99
46) 2-Chloronaphthalene	9.49	162	695336	43.032	ng		99
47) 2-Nitroaniline	9.59	65	231196	44.220	ng		92
48) Acenaphthylene	9.91	152	1105964	43.293	ng		99
49) Dimethylphthalate	9.76	163	819751	42.440	ng		99
50) 2,6-Dinitrotoluene	9.82	165	180096	44.565	ng		88
51) Acenaphthene	10.08	154	648078	41.420	ng		100
52) 3-Nitroaniline	10.00	138	126316	28.568	ng		98
53) 2,4-Dinitrophenol	10.11	184	120317	79.593	ng	#	22
54) Dibenzofuran	10.25	168	962828	42.474	ng		96
55) 4-Nitrophenol	10.16	139	254139	75.902	ng		83
56) 2,4-Dinitrotoluene	10.24	165	239615	46.064	ng	#	99
57) Fluorene	10.60	166	774648	43.168	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	222380	45.739	ng	#	85
59) Diethylphthalate	10.46	149	798341	42.683	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	396271	42.379	ng		93
61) 4-Nitroaniline	10.62	138	184666	42.243	ng		90
62) Azobenzene	10.75	77	808750	41.869	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	85430	42.197	ng		77
65) n-Nitrosodiphenylamine	10.71	169	692582	42.711	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	257583	43.195	ng	#	87
67) Hexachlorobenzene	11.15	284	265713	42.349	ng	#	87
68) Atrazine	11.23	200	233972	43.019	ng		95
69) Pentachlorophenol	11.34	266	242996	80.913	ng		97
70) Phenanthrene	11.57	178	1124915	43.463	ng		99
71) Anthracene	11.62	178	1156558	43.599	ng		100
72) Carbazole	11.77	167	980206	41.589	ng		100
73) Di-n-butylphthalate	12.08	149	1210111	45.329	ng		99
74) Fluoranthene	12.76	202	1195913	42.338	ng		96
76) Benzidine	12.88	184	520193	38.244	ng		99
77) Pyrene	12.99	202	1186903	51.497	ng		99
79) Butylbenzylphthalate	13.59	149	462982	50.588	ng	#	96
80) Benzo(a)anthracene	14.18	228	906404	43.384	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	151882	20.285	ng	#	97
82) Chrysene	14.22	228	823706	43.004	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	588042	47.447	ng		99
84) Di-n-octyl phthalate	14.77	149	825519	43.675	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	789954	47.598	ng	#	91
87) Benzo(b)fluoranthene	15.28	252	720690	41.269	ng	#	97
88) Benzo(k)fluoranthene	15.31	252	652640	40.656	ng	#	96
89) Benzo(a)pyrene	15.68	252	662142	42.343	ng		97
90) Dibenzo(a,h)anthracene	17.38	278	662663	51.215	ng	#	92
91) Benzo(g,h,i)perylene	17.85	276	669049	52.513	ng	#	90

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

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