Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108595.D
Acq On : 29 Aug 2018 10:58
Operator : JU/SJ
Sample : PB112381BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112381BS

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:22 PM

Quant Time: Aug 29 11:51:41 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	108429	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	424965	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	210831	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	412181	20.00	ng		0.00
75) Chrysene-d12	14.19	240	272579	20.00	ng		0.00
86) Perylene-d12	15.75	264	234763	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	610025	101.86	ng		0.01
7) Phenol-d6	6.63	99	820731	103.12	ng		0.00
23) Nitrobenzene-d5	7.57	82	537172	70.54	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	241400	114.79	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1080446	82.28	ng		-0.01
78) Terphenyl-d14	13.12	244	1029763	96.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	109473m	35.573	ng		
3) Pyridine	3.74	79	267535	33.748	ng		86
4) n-Nitrosodimethylamine	3.71	42	148734	33.343	ng		80
6) Aniline	6.67	93	330581	30.537	ng	#	86
8) 2-Chlorophenol	6.79	128	300535	44.555	ng		95
9) Benzaldehyde	6.56	77	189984	30.789	ng		99
10) Phenol	6.65	94	358590	43.559	ng		88
11) bis(2-Chloroethyl)ether	6.73	93	264538	39.748	ng		94
12) 1,3-Dichlorobenzene	6.94	146	348840	44.727	ng		99
13) 1,4-Dichlorobenzene	7.02	146	370113	47.232	ng		98
14) 1,2-Dichlorobenzene	7.17	146	335175	45.984	ng		97
15) Benzyl Alcohol	7.14	79	251050	37.470	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	537979	39.238	ng		83
17) 2-Methylphenol	7.25	107	252753	43.695	ng	#	91
18) Hexachloroethane	7.51	117	126750	45.434	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	222449	41.333	ng		90
20) 3+4-Methylphenols	7.40	107	318008	42.901	ng	#	66
22) Acetophenone	7.41	105	445465	44.830	ng	#	86
24) Nitrobenzene	7.58	77	331580	43.056	ng		95
25) Isophorone	7.81	82	594894	40.983	ng		95
26) 2-Nitrophenol	7.90	139	148996	51.232	ng		94
27) 2,4-Dimethylphenol	7.93	122	267462	41.515	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	366969	43.306	ng		99
29) 2,4-Dichlorophenol	8.14	162	266067	44.877	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	291242	44.555	ng		98
31) Naphthalene	8.31	128	913742	47.279	ng		100
32) Benzoic acid	8.07	122	123713	34.947	ng		93
33) 4-Chloroaniline	8.35	127	220537	26.185	ng		97
34) Hexachlorobutadiene	8.41	225	189783	45.862	ng		97
35) Caprolactam	8.72	113	71339m	38.397	ng		
36) 4-Chloro-3-methylphenol	8.84	107	274985	42.994	ng		97
37) 2-Methylnaphthalene	9.00	142	608308	44.487	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	312291	48.235	ng		98
40) Hexachlorocyclopentadiene	9.14	237	294347	70.386	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	186487	46.416	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	204471	46.232	ng	#	93
45) 1,1'-Biphenyl	9.46	154	740840	47.659	ng		97
46) 2-Chloronaphthalene	9.49	162	565653	46.041	ng		99
47) 2-Nitroaniline	9.59	65	182432	45.892	ng		86
48) Acenaphthylene	9.91	152	895193	46.089	ng		100
49) Dimethylphthalate	9.75	163	649199	44.205	ng		99
50) 2,6-Dinitrotoluene	9.83	165	141653	46.102	ng		99
51) Acenaphthene	10.08	154	506590	42.583	ng		100
52) 3-Nitroaniline	10.01	138	100412	29.868	ng		93
53) 2,4-Dinitrophenol	10.11	184	96590	83.647	ng	#	24
54) Dibenzofuran	10.25	168	779612	45.233	ng		97
55) 4-Nitrophenol	10.17	139	180582	70.934	ng	#	81
56) 2,4-Dinitrotoluene	10.24	165	186691	47.203	ng	#	97
57) Fluorene	10.60	166	629761	46.157	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	179190	48.474	ng	#	83
59) Diethylphthalate	10.45	149	624119	43.887	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	321055	45.159	ng		90
61) 4-Nitroaniline	10.63	138	134348	40.420	ng		93
62) Azobenzene	10.74	77	638319	43.463	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	66617	43.602	ng		89
65) n-Nitrosodiphenylamine	10.71	169	551831	45.305	ng		95
66) 4-Bromophenyl-phenylether	11.08	248	204161	45.579	ng	#	85
67) Hexachlorobenzene	11.15	284	213592	45.320	ng	#	85
68) Atrazine	11.22	200	182591	44.694	ng		97
69) Pentachlorophenol	11.35	266	187430	83.088	ng		99
70) Phenanthrene	11.57	178	880837	45.308	ng		99
71) Anthracene	11.62	178	926637	46.505	ng		100
72) Carbazole	11.78	167	772384	43.629	ng		99
73) Di-n-butylphthalate	12.08	149	930427	46.400	ng		99
74) Fluoranthene	12.76	202	901996	42.512	ng		96
76) Benzidine	12.88	184	423408	41.575	ng		99
77) Pyrene	12.99	202	891666	51.670	ng		99
79) Butylbenzylphthalate	13.59	149	337194	49.207	ng	#	93
80) Benzo(a)anthracene	14.18	228	703212	44.953	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	135214	24.119	ng	#	96
82) Chrysene	14.22	228	650533	45.360	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	442303	47.664	ng	#	99
84) Di-n-octyl phthalate	14.77	149	683747	48.314	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	700711	56.389	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	626798	44.682	ng	#	97
88) Benzo(k)fluoranthene	15.32	252	542059	42.036	ng	#	95
89) Benzo(a)pyrene	15.68	252	575802	45.838	ng		97
90) Dibenzo(a,h)anthracene	17.39	278	586019	56.383	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	615303	60.121	ng	#	90

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

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