Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108031.D
Acq On : 8 Aug 2018 20:36
Operator : JU/SJ
Sample : J3762-08
Misc : LOQ 20 PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:32 PM

Quant Time: Aug 09 07:34:04 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	264896	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1069296	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	576398	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1168877	20.00	ng		0.00
75) Chrysene-d12	14.21	240	983371	20.00	ng		0.00
86) Perylene-d12	15.77	264	853662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	2046133	139.84	ng		0.02
7) Phenol-d6	6.64	99	2722019	140.00	ng		0.00
23) Nitrobenzene-d5	7.58	82	1480107	77.24	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	882410	153.48	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2830307	78.83	ng		0.00
78) Terphenyl-d14	13.15	244	3191641	82.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	146732	19.517	ng	#	87
3) Pyridine	3.74	79	419523	21.662	ng	#	84
4) n-Nitrosodimethylamine	3.68	42	226477	20.782	ng	#	79
6) Aniline	6.68	93	427086	16.149	ng		95
8) 2-Chlorophenol	6.80	128	356926	21.659	ng		96
9) Benzaldehyde	6.57	77	294523	19.538	ng		95
10) Phenol	6.64	94	426485	21.206	ng		81
11) bis(2-Chloroethyl)ether	6.75	93	353445	21.738	ng		95
12) 1,3-Dichlorobenzene	6.95	146	418450	21.961	ng		97
13) 1,4-Dichlorobenzene	7.03	146	411759	21.509	ng		98
14) 1,2-Dichlorobenzene	7.18	146	389362	21.866	ng		98
15) Benzyl Alcohol	7.14	79	340535m	20.805	ng		
16) 2,2'-oxybis(1-Chloropropan	7.28	45	723983	21.614	ng		95
17) 2-Methylphenol	7.25	107	314804	22.276	ng		95
18) Hexachloroethane	7.53	117	148043	21.721	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	288645	21.953	ng	#	84
20) 3+4-Methylphenols	7.40	107	412773	22.793	ng		96
22) Acetophenone	7.42	105	532532	21.299	ng		94
24) Nitrobenzene	7.59	77	418128	21.578	ng		92
25) Isophorone	7.82	82	762214	20.869	ng		97
26) 2-Nitrophenol	7.91	139	149730	20.461	ng		89
27) 2,4-Dimethylphenol	7.93	122	360955	22.267	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	468336	21.965	ng		99
29) 2,4-Dichlorophenol	8.14	162	329032	22.056	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	351394	21.364	ng		94
31) Naphthalene	8.32	128	1091265	22.440	ng		99
32) Benzoic acid	8.01	122	142545	19.242	ng		94
33) 4-Chloroaniline	8.36	127	302388	14.269	ng		98
34) Hexachlorobutadiene	8.43	225	225409	21.648	ng		97
35) Caprolactam	8.71	113	101946	21.807	ng	#	69
36) 4-Chloro-3-methylphenol	8.83	107	360222	22.383	ng		97
37) 2-Methylnaphthalene	9.01	142	762650	22.166	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	379372	21.433	ng		98
40) Hexachlorocyclopentadiene	9.16	237	240642	21.048	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	238468	21.710	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	270415	22.364	ng		98
45) 1,1'-Biphenyl	9.48	154	941784	22.161	ng		98
46) 2-Chloronaphthalene	9.50	162	733770	21.846	ng		98
47) 2-Nitroaniline	9.60	65	241414	22.213	ng		88
48) Acenaphthylene	9.92	152	1197888	22.559	ng		99
49) Dimethylphthalate	9.77	163	888480	22.129	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	192635	22.932	ng		95
51) Acenaphthene	10.10	154	721375	22.180	ng		98
52) 3-Nitroaniline	10.01	138	149943	16.314	ng		100
53) 2,4-Dinitrophenol	10.11	184	48424	21.072	ng	#	54
54) Dibenzofuran	10.27	168	1053794	22.364	ng		95
55) 4-Nitrophenol	10.15	139	148289	21.306	ng		88
56) 2,4-Dinitrotoluene	10.24	165	252848	23.384	ng	#	88
57) Fluorene	10.61	166	841572	22.561	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	226350	22.397	ng	#	87
59) Diethylphthalate	10.48	149	883690	22.729	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	430094	22.128	ng		92
61) 4-Nitroaniline	10.62	138	197656	21.752	ng		89
62) Azobenzene	10.77	77	909751	22.658	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	77640	21.076	ng		90
65) n-Nitrosodiphenylamine	10.72	169	775614	22.455	ng		96
66) 4-Bromophenyl-phenylether	11.09	248	283526	22.320	ng	#	87
67) Hexachlorobenzene	11.16	284	296845	22.210	ng	#	90
68) Atrazine	11.24	200	262120	22.625	ng		94
69) Pentachlorophenol	11.35	266	127781	19.975	ng		98
70) Phenanthrene	11.58	178	1268883	23.015	ng		99
71) Anthracene	11.63	178	1298224	22.975	ng		99
72) Carbazole	11.78	167	1143729	22.782	ng		99
73) Di-n-butylphthalate	12.11	149	1340465	23.573	ng		99
74) Fluoranthene	12.78	202	1382180	22.971	ng		95
76) Benzidine	12.89	184	373131	10.156	ng		97
77) Pyrene	13.01	202	1390167	22.329	ng		97
79) Butylbenzylphthalate	13.62	149	554459	22.428	ng	#	96
80) Benzo(a)anthracene	14.20	228	1251515	22.176	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	269388	13.320	ng	#	96
82) Chrysene	14.24	228	1163780	22.493	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	774182	23.125	ng		99
84) Di-n-octyl phthalate	14.79	149	1192118	23.349	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.38	276	949581	21.182	ng	#	92
87) Benzo(b)fluoranthene	15.30	252	1082806	21.227	ng	#	96
88) Benzo(k)fluoranthene	15.33	252	1078570	23.002	ng	#	96
89) Benzo(a)pyrene	15.70	252	993098	21.741	ng		97
90) Dibenzo(a,h)anthracene	17.40	278	785458	20.783	ng	#	95
91) Benzo(g,h,i)perylene	17.87	276	773939	20.796	ng	#	90

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

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