Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108195.D
Acq On : 16 Aug 2018 15:21
Operator : JU/SJ
Sample : J4477-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-AMS

Manual Integrations APPROVED
Sohil
8/17/2018 3:30:35 PM

Quant Time: Aug 16 16:50:02 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	174250	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	680747	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	347242	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	634737	20.00	ng		0.00
75) Chrysene-d12	14.21	240	414550	20.00	ng		0.00
86) Perylene-d12	15.77	264	454750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	650285	67.56	ng		0.01
7) Phenol-d6	6.63	99	869170	67.96	ng		0.00
23) Nitrobenzene-d5	7.58	82	561461	46.02	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	229480	66.25	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1027392	47.50	ng		0.00
78) Terphenyl-d14	13.14	244	884516	54.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	86796	17.551	ng		89
3) Pyridine	3.71	79	240869	18.907	ng		87
4) n-Nitrosodimethylamine	3.66	42	137123	19.129	ng		83
6) Aniline	6.68	93	314066	18.053	ng		99
8) 2-Chlorophenol	6.80	128	247696	22.850	ng		99
9) Benzaldehyde	6.57	77	144223	14.544	ng		94
10) Phenol	6.65	94	299726	22.656	ng		95
11) bis(2-Chloroethyl)ether	6.74	93	236885	22.148	ng		93
12) 1,3-Dichlorobenzene	6.95	146	276651	22.072	ng		98
13) 1,4-Dichlorobenzene	7.03	146	275244	21.857	ng		99
14) 1,2-Dichlorobenzene	7.18	146	261489	22.324	ng		99
15) Benzyl Alcohol	7.15	79	234687	21.797	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	459100	20.836	ng		96
17) 2-Methylphenol	7.25	107	208799	22.461	ng		96
18) Hexachloroethane	7.53	117	100152	22.339	ng		91
19) n-Nitroso-di-n-propylamine	7.41	70	189864	21.952	ng		90
20) 3+4-Methylphenols	7.41	107	268017	22.499	ng		88
22) Acetophenone	7.42	105	356836	22.418	ng		95
24) Nitrobenzene	7.60	77	276728	22.432	ng		97
25) Isophorone	7.83	82	504493	21.696	ng		97
26) 2-Nitrophenol	7.91	139	120323	25.827	ng		95
27) 2,4-Dimethylphenol	7.94	122	229590	22.247	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	309713	22.816	ng		99
29) 2,4-Dichlorophenol	8.15	162	221177	23.288	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	232939	22.246	ng		98
31) Naphthalene	8.32	128	719706	23.247	ng		99
32) Benzoic acid	7.94	122	229590	39.540	ng	#	16
33) 4-Chloroaniline	8.37	127	243815	18.071	ng		99
34) Hexachlorobutadiene	8.43	225	147921	22.315	ng		97
35) Caprolactam	8.72	113	65166	21.896	ng	#	86
36) 4-Chloro-3-methylphenol	8.84	107	231658	22.611	ng		99
37) 2-Methylnaphthalene	9.01	142	501579	22.899	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	249926	23.438	ng		97
40) Hexachlorocyclopentadiene	9.16	237	197146	28.623	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	160367	24.235	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	169993m	23.337	ng		
45) 1,1'-Biphenyl	9.48	154	615355	24.035	ng		97
46) 2-Chloronaphthalene	9.50	162	466889	23.073	ng		98
47) 2-Nitroaniline	9.60	65	157319	24.028	ng		87
48) Acenaphthylene	9.92	152	749175	23.419	ng		99
49) Dimethylphthalate	9.77	163	606421	25.071	ng		99
50) 2,6-Dinitrotoluene	9.84	165	122388	24.184	ng		98
51) Acenaphthene	10.10	154	444815	22.702	ng		98
52) 3-Nitroaniline	10.01	138	114804	20.734	ng		94
53) 2,4-Dinitrophenol	10.11	184	12159	12.877	ng	#	25
54) Dibenzofuran	10.27	168	656359	23.122	ng		99
55) 4-Nitrophenol	10.16	139	149010	35.539	ng		91
56) 2,4-Dinitrotoluene	10.24	165	155489	23.870	ng	#	97
57) Fluorene	10.61	166	517954	23.049	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	131646	21.622	ng	#	86
59) Diethylphthalate	10.47	149	549034	23.441	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	265582	22.681	ng	#	89
61) 4-Nitroaniline	10.62	138	113856	20.798	ng		94
62) Azobenzene	10.76	77	535532	22.140	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	30627	16.776	ng		90
65) n-Nitrosodiphenylamine	10.71	169	473617	25.250	ng		95
66) 4-Bromophenyl-phenylether	11.09	248	165929	24.055	ng		91
67) Hexachlorobenzene	11.16	284	166961	23.005	ng	#	89
68) Atrazine	11.24	200	155194	24.668	ng		97
69) Pentachlorophenol	11.35	266	123485	35.547	ng		98
70) Phenanthrene	11.58	178	854405	28.539	ng		99
71) Anthracene	11.63	178	744107	24.250	ng		99
72) Carbazole	11.78	167	582002	21.348	ng		100
73) Di-n-butylphthalate	12.10	149	795680	25.767	ng		99
74) Fluoranthene	12.78	202	774678	23.709	ng		95
76) Benzidine	12.89	184	286954	18.527	ng		98
77) Pyrene	13.01	202	737447	28.098	ng		100
79) Butylbenzylphthalate	13.61	149	252543	24.233	ng		95
80) Benzo(a)anthracene	14.20	228	604386	25.404	ng		100
81) 3,3'-Dichlorobenzidine	14.15	252	193434	22.687	ng	#	98
82) Chrysene	14.24	228	557860	25.577	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	347940	24.654	ng		99
84) Di-n-octyl phthalate	14.79	149	592791	27.542	ng	#	85
85) Indeno(1,2,3-cd)pyrene	17.39	276	620123	32.813	ng	#	90
87) Benzo(b)fluoranthene	15.30	252	645884	23.769	ng		97
88) Benzo(k)fluoranthene	15.34	252	534009	21.379	ng	#	96
89) Benzo(a)pyrene	15.71	252	602110	24.745	ng	#	96
90) Dibenzo(a,h)anthracene	17.41	278	498837	24.777	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	487107	24.571	ng	#	91

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

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