Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108196.D
Acq On : 16 Aug 2018 15:48
Operator : JU/SJ
Sample : J4477-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 16 16:44:30 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	168974	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	655344	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	324156	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	571402	20.00	ng		0.00
75) Chrysene-d12	14.21	240	402743	20.00	ng		0.00
86) Perylene-d12	15.77	264	437454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	620873	66.52	ng		0.01
7) Phenol-d6	6.63	99	825304	66.54	ng		0.00
23) Nitrobenzene-d5	7.58	82	530602	45.18	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	216902	67.08	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	962618	47.68	ng		0.00
78) Terphenyl-d14	13.14	244	825140	52.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	84634	17.648	ng		88
3) Pyridine	3.71	79	232183	18.794	ng		87
4) n-Nitrosodimethylamine	3.65	42	129151	18.579	ng		82
6) Aniline	6.68	93	286972	17.011	ng		98
8) 2-Chlorophenol	6.80	128	233491	22.212	ng		98
9) Benzaldehyde	6.57	77	139241	14.480	ng		96
10) Phenol	6.64	94	287710	22.426	ng		88
11) bis(2-Chloroethyl)ether	6.74	93	227821	21.966	ng		91
12) 1,3-Dichlorobenzene	6.95	146	264358	21.750	ng		98
13) 1,4-Dichlorobenzene	7.03	146	264951	21.697	ng		99
14) 1,2-Dichlorobenzene	7.18	146	251050	22.102	ng		99
15) Benzyl Alcohol	7.15	79	226385	21.682	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	446485	20.896	ng		95
17) 2-Methylphenol	7.25	107	193566	21.473	ng		96
18) Hexachloroethane	7.53	117	94850	21.817	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	179884	21.448	ng	#	89
20) 3+4-Methylphenols	7.41	107	256332	22.190	ng		88
22) Acetophenone	7.42	105	346166	22.590	ng		96
24) Nitrobenzene	7.60	77	261868	22.050	ng		98
25) Isophorone	7.83	82	479570	21.424	ng		99
26) 2-Nitrophenol	7.91	139	115629	25.782	ng		98
27) 2,4-Dimethylphenol	7.94	122	215442	21.685	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	293337	22.447	ng		99
29) 2,4-Dichlorophenol	8.15	162	207032	22.644	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	221533	21.977	ng		96
31) Naphthalene	8.32	128	690791	23.178	ng		99
32) Benzoic acid	7.94	122	215442	38.692	ng	#	16
33) 4-Chloroaniline	8.37	127	234421	18.049	ng		99
34) Hexachlorobutadiene	8.43	225	141321	22.146	ng		98
35) Caprolactam	8.71	113	60937	21.268	ng	#	78
36) 4-Chloro-3-methylphenol	8.84	107	213970	21.694	ng		100
37) 2-Methylnaphthalene	9.01	142	474049	22.481	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	238763	23.985	ng		98
40) Hexachlorocyclopentadiene	9.16	237	175585	27.308	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	149382	24.183	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	161101	23.691	ng		95
45) 1,1'-Biphenyl	9.47	154	577586	24.167	ng		99
46) 2-Chloronaphthalene	9.50	162	444983	23.557	ng		98
47) 2-Nitroaniline	9.60	65	146578	23.982	ng		87
48) Acenaphthylene	9.92	152	696098	23.310	ng		100
49) Dimethylphthalate	9.77	163	580562	25.711	ng		99
50) 2,6-Dinitrotoluene	9.84	165	113310	23.985	ng		98
51) Acenaphthene	10.09	154	413681	22.617	ng		99
52) 3-Nitroaniline	10.01	138	107856	20.866	ng		93
53) 2,4-Dinitrophenol	10.11	184	11336	12.870	ng	#	26
54) Dibenzofuran	10.27	168	621161	23.440	ng		98
55) 4-Nitrophenol	10.16	139	142622	36.438	ng		95
56) 2,4-Dinitrotoluene	10.24	165	144331	23.735	ng	#	98
57) Fluorene	10.61	166	486095	23.172	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	125271	22.041	ng	#	85
59) Diethylphthalate	10.47	149	515928	23.596	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	246511	22.552	ng	#	87
61) 4-Nitroaniline	10.62	138	105772	20.698	ng		94
62) Azobenzene	10.76	77	493873	21.871	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	29165	17.436	ng		88
65) n-Nitrosodiphenylamine	10.71	169	436205	25.833	ng		95
66) 4-Bromophenyl-phenylether	11.09	248	154345	24.856	ng		90
67) Hexachlorobenzene	11.16	284	153023	23.421	ng	#	90
68) Atrazine	11.24	200	143781	25.387	ng		96
69) Pentachlorophenol	11.35	266	120801	38.629	ng		98
70) Phenanthrene	11.58	178	781766	29.007	ng		99
71) Anthracene	11.63	178	683582	24.747	ng		99
72) Carbazole	11.78	167	533490	21.738	ng		99
73) Di-n-butylphthalate	12.10	149	725425	26.096	ng		99
74) Fluoranthene	12.78	202	718384	24.423	ng		95
76) Benzidine	12.89	184	299317	19.892	ng		98
77) Pyrene	13.01	202	699765	27.444	ng		100
79) Butylbenzylphthalate	13.61	149	239207	23.626	ng	#	96
80) Benzo(a)anthracene	14.20	228	589131	25.489	ng		100
81) 3,3'-Dichlorobenzidine	14.16	252	199096	24.036	ng	#	97
82) Chrysene	14.24	228	544691	25.705	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	332037	24.217	ng		99
84) Di-n-octyl phthalate	14.79	149	579452	27.711	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	587660	32.007	ng	#	91
87) Benzo(b)fluoranthene	15.30	252	627402	24.002	ng	#	96
88) Benzo(k)fluoranthene	15.34	252	529096	22.019	ng	#	96
89) Benzo(a)pyrene	15.71	252	577867	24.687	ng	#	97
90) Dibenzo(a,h)anthracene	17.41	278	474334	24.491	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	457066	23.967	ng	#	89

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

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