Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108147.D
Acq On : 14 Aug 2018 16:20
Operator : JU/SJ
Sample : J4449-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-001MSD

Quant Time: Aug 14 16:49:41 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	193488	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	685225	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	294992	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	506522	20.00	ng		0.00
75) Chrysene-d12	14.22	240	435176	20.00	ng		0.00
86) Perylene-d12	15.78	264	301417	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1148917	107.50	ng		0.02
7) Phenol-d6	6.64	99	1526174	107.46	ng		0.01
23) Nitrobenzene-d5	7.58	82	999046	81.36	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	319183	108.47	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1700184	92.53	ng		0.00
78) Terphenyl-d14	13.15	244	1538284	89.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	166893	30.391	ng		90
3) Pyridine	3.74	79	473105	33.444	ng		86
4) n-Nitrosodimethylamine	3.70	42	272285	34.207	ng	#	83
6) Aniline	6.68	93	561013	29.041	ng		96
8) 2-Chlorophenol	6.81	128	453404	37.668	ng		95
9) Benzaldehyde	6.57	77	294810	26.774	ng		95
10) Phenol	6.65	94	549423	37.400	ng		87
11) bis(2-Chloroethyl)ether	6.75	93	446170	37.568	ng		95
12) 1,3-Dichlorobenzene	6.96	146	517995	37.219	ng		98
13) 1,4-Dichlorobenzene	7.04	146	520370	37.214	ng		98
14) 1,2-Dichlorobenzene	7.19	146	489347	37.622	ng		99
15) Benzyl Alcohol	7.15	79	436688	36.525	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	869857	35.553	ng		96
17) 2-Methylphenol	7.26	107	379955	36.809	ng		95
18) Hexachloroethane	7.53	117	167665	33.679	ng		96
19) n-Nitroso-di-n-propylamine	7.42	70	338478	35.244	ng		90
20) 3+4-Methylphenols	7.41	107	482027	36.441	ng		90
22) Acetophenone	7.42	105	653168	40.766	ng	#	93
24) Nitrobenzene	7.60	77	506603	40.798	ng		94
25) Isophorone	7.84	82	902423	38.556	ng		97
26) 2-Nitrophenol	7.92	139	202287	43.137	ng		98
27) 2,4-Dimethylphenol	7.94	122	407820	39.258	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	554817	40.605	ng		99
29) 2,4-Dichlorophenol	8.15	162	376536	39.387	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	417463	39.608	ng		96
31) Naphthalene	8.32	128	1261694	40.487	ng		99
32) Benzoic acid	8.00	122	16567	8.381	ng		92
33) 4-Chloroaniline	8.37	127	345318	25.428	ng		95
34) Hexachlorobutadiene	8.44	225	268854	40.294	ng		100
35) Caprolactam	8.73	113	95290	31.808	ng	#	83
36) 4-Chloro-3-methylphenol	8.84	107	376541	36.511	ng		97
37) 2-Methylnaphthalene	9.02	142	826580	37.490	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	413737	45.672	ng		97
40) Hexachlorocyclopentadiene	9.17	237	103888	17.755	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	252348	44.890	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	263145	42.523	ng		97
45) 1,1'-Biphenyl	9.48	154	976032	44.876	ng		98
46) 2-Chloronaphthalene	9.51	162	740814	43.095	ng		97
47) 2-Nitroaniline	9.60	65	243141	43.714	ng		85
48) Acenaphthylene	9.93	152	1128396	41.521	ng		99
49) Dimethylphthalate	9.78	163	1032529	50.248	ng		100
50) 2,6-Dinitrotoluene	9.84	165	174540	40.598	ng		96
51) Acenaphthene	10.10	154	650022	39.051	ng		99
52) 3-Nitroaniline	10.01	138	159466	33.901	ng		94
53) 2,4-Dinitrophenol	10.12	184	8402	11.785	ng	#	20
54) Dibenzofuran	10.27	168	961025	39.851	ng		96
55) 4-Nitrophenol	10.17	139	238026	66.824	ng		85
56) 2,4-Dinitrotoluene	10.25	165	207146	37.432	ng	#	95
57) Fluorene	10.62	166	724291	37.940	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	196895	38.067	ng	#	85
59) Diethylphthalate	10.48	149	818542	41.137	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	390419	39.248	ng		93
61) 4-Nitroaniline	10.63	138	160258	34.460	ng		97
62) Azobenzene	10.77	77	758892	36.931	ng		93
64) 4,6-Dinitro-2-methylphenol	10.66	198	13043	11.452	ng		84
65) n-Nitrosodiphenylamine	10.72	169	666569	44.532	ng		94
66) 4-Bromophenyl-phenylether	11.10	248	233082	42.344	ng		92
67) Hexachlorobenzene	11.17	284	234773	40.536	ng	#	85
68) Atrazine	11.24	200	212926	42.412	ng		98
69) Pentachlorophenol	11.36	266	209857	75.702	ng		97
70) Phenanthrene	11.59	178	998994	41.815	ng		99
71) Anthracene	11.64	178	1022240	41.747	ng		100
72) Carbazole	11.80	167	894753	41.128	ng		99
73) Di-n-butylphthalate	12.11	149	1139570	46.245	ng		99
74) Fluoranthene	12.78	202	1097788	42.103	ng		97
76) Benzidine	12.90	184	722302	44.424	ng		98
77) Pyrene	13.02	202	1101072	39.965	ng		100
79) Butylbenzylphthalate	13.62	149	479834	43.860	ng	#	97
80) Benzo(a)anthracene	14.21	228	1019591	40.825	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	371128	41.466	ng	#	97
82) Chrysene	14.25	228	939758	41.044	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	660407	44.577	ng		99
84) Di-n-octyl phthalate	14.80	149	1130390	50.030	ng		96
85) Indeno(1,2,3-cd)pyrene	17.41	276	591039	29.792	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	784352	43.549	ng		95
88) Benzo(k)fluoranthene	15.35	252	679780	41.058	ng	#	96
89) Benzo(a)pyrene	15.71	252	645441	40.019	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	495436	37.126	ng	#	95
91) Benzo(g,h,i)perylene	17.91	276	484553	36.876	ng	#	91

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

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