Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108251.D
Acq On : 17 Aug 2018 18:55
Operator : JU/SJ
Sample : J4501-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-020MS

Manual Integrations APPROVED
Sohil
8/20/2018 12:48:28 PM

Quant Time: Aug 18 00:21:04 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	7.02	152	138988	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	522724	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	260525	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	515179	20.00	ng		0.00
75) Chrysene-d12	14.21	240	434894	20.00	ng		0.00
86) Perylene-d12	15.77	264	391424	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1012355	131.87	ng		0.01
7) Phenol-d6	6.64	99	1350358	132.37	ng		0.01
23) Nitrobenzene-d5	7.58	82	882874	94.25	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	380536	146.43	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1571336	96.83	ng		0.00
78) Terphenyl-d14	13.15	244	1691044	98.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	121931	30.910	ng		91
3) Pyridine	3.70	79	337400	33.204	ng		87
4) n-Nitrosodimethylamine	3.65	42	200539	35.073	ng	#	81
6) Aniline	6.68	93	485061	34.956	ng		98
8) 2-Chlorophenol	6.80	128	354458	40.995	ng		91
9) Benzaldehyde	6.57	77	204967	25.914	ng		98
10) Phenol	6.65	94	453664	42.991	ng		92
11) bis(2-Chloroethyl)ether	6.75	93	341482	40.028	ng		90
12) 1,3-Dichlorobenzene	6.96	146	390248	39.035	ng		99
13) 1,4-Dichlorobenzene	7.04	146	394103	39.235	ng		97
14) 1,2-Dichlorobenzene	7.19	146	370705	39.677	ng		97
15) Benzyl Alcohol	7.15	79	340727	39.674	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	669797	38.111	ng		97
17) 2-Methylphenol	7.26	107	298480	40.255	ng		96
18) Hexachloroethane	7.53	117	134909	37.726	ng		93
19) n-Nitroso-di-n-propylamine	7.42	70	268163	38.872	ng	#	87
20) 3+4-Methylphenols	7.41	107	382505	40.256	ng		97
22) Acetophenone	7.42	105	503981	41.233	ng		94
24) Nitrobenzene	7.60	77	396071	41.812	ng		99
25) Isophorone	7.83	82	726205	40.672	ng		96
26) 2-Nitrophenol	7.91	139	163141	45.604	ng		93
27) 2,4-Dimethylphenol	7.94	122	333248	42.053	ng		99
28) bis(2-Chloroethoxy)methane	8.04	93	438279	42.048	ng		99
29) 2,4-Dichlorophenol	8.15	162	314176	43.081	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	328252	40.825	ng		96
31) Naphthalene	8.32	128	1014109	42.659	ng		99
32) Benzoic acid	8.00	122	30849	11.848	ng		94
33) 4-Chloroaniline	8.37	127	357381	34.497	ng		98
34) Hexachlorobutadiene	8.43	225	206684	40.606	ng		98
35) Caprolactam	8.73	113	94016m	41.139	ng		
36) 4-Chloro-3-methylphenol	8.84	107	328998	41.819	ng		99
37) 2-Methylnaphthalene	9.01	142	696607	41.417	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	353963	44.243	ng		98
40) Hexachlorocyclopentadiene	9.16	237	140751	27.237	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	232770	46.885	ng		97
43) 2,4,5-Trichlorophenol	9.33	196	253852	46.449	ng	#	95
45) 1,1'-Biphenyl	9.48	154	849852	44.244	ng		98
46) 2-Chloronaphthalene	9.51	162	657955	43.339	ng		97
47) 2-Nitroaniline	9.60	65	234645	47.768	ng		89
48) Acenaphthylene	9.92	152	1058688	44.110	ng		99
49) Dimethylphthalate	9.77	163	954382	52.590	ng		99
50) 2,6-Dinitrotoluene	9.84	165	172054	45.315	ng		95
51) Acenaphthene	10.10	154	616091	41.909	ng		99
52) 3-Nitroaniline	10.01	138	165843	39.921	ng		98
53) 2,4-Dinitrophenol	10.11	184	13767	15.859	ng	#	33
54) Dibenzofuran	10.27	168	930924	43.710	ng		99
55) 4-Nitrophenol	10.17	139	264384	84.043	ng		97
56) 2,4-Dinitrotoluene	10.25	165	231195	47.305	ng	#	96
57) Fluorene	10.61	166	739059	43.836	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	205655	45.021	ng	#	86
59) Diethylphthalate	10.47	149	785880	44.721	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	375115	42.699	ng		90
61) 4-Nitroaniline	10.63	138	183091	44.578	ng		92
62) Azobenzene	10.76	77	776347	42.778	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	25192	16.929	ng		92
65) n-Nitrosodiphenylamine	10.72	169	683485	44.895	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	244241	43.625	ng	#	85
67) Hexachlorobenzene	11.17	284	242151	41.108	ng	#	86
68) Atrazine	11.24	200	231781	45.392	ng		96
69) Pentachlorophenol	11.36	266	222508	78.917	ng		99
70) Phenanthrene	11.58	178	1056039	43.460	ng		99
71) Anthracene	11.64	178	1079108	43.329	ng		100
72) Carbazole	11.79	167	963522	43.544	ng		99
73) Di-n-butylphthalate	12.10	149	1206031	48.119	ng		99
74) Fluoranthene	12.78	202	1120295	42.244	ng		97
76) Benzidine	12.89	184	835943	51.447	ng		99
77) Pyrene	13.01	202	1128270	40.978	ng		99
79) Butylbenzylphthalate	13.61	149	497571	45.511	ng	#	98
80) Benzo(a)anthracene	14.20	228	1071110	42.916	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	388101	43.390	ng	#	97
82) Chrysene	14.24	228	992627	43.381	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	669436	45.216	ng		99
84) Di-n-octyl phthalate	14.79	149	1184749	52.470	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	736229	37.134	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1052238	44.988	ng		96
88) Benzo(k)fluoranthene	15.34	252	891759	41.476	ng	#	96
89) Benzo(a)pyrene	15.71	252	893076	42.640	ng		97
90) Dibenzo(a,h)anthracene	17.41	278	621204	35.847	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	587464	34.427	ng	#	91

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

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