Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108254.D
Acq On : 17 Aug 2018 20:19
Operator : JU/SJ
Sample : J4511-11MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-031MSD

Manual Integrations APPROVED
Sohil
8/20/2018 12:48:30 PM

Quant Time: Aug 18 00:38:40 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	146712	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	514741	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	224491	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	391645	20.00	ng		0.00
75) Chrysene-d12	14.22	240	390243	20.00	ng		0.00
86) Perylene-d12	15.78	264	297655	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	735218	90.73	ng		0.02
7) Phenol-d6	6.64	99	955118	88.69	ng		0.00
23) Nitrobenzene-d5	7.58	82	625804	67.84	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	205743	91.88	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1043789	74.65	ng		0.00
78) Terphenyl-d14	13.14	244	1001771	65.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	114370	27.467	ng		88
3) Pyridine	3.71	79	306585	28.583	ng		88
4) n-Nitrosodimethylamine	3.67	42	179851	29.798	ng		83
6) Aniline	6.68	93	351092	23.969	ng		98
8) 2-Chlorophenol	6.80	128	300986	32.978	ng		94
9) Benzaldehyde	6.57	77	180525	21.622	ng		97
10) Phenol	6.65	94	374942	33.661	ng		96
11) bis(2-Chloroethyl)ether	6.75	93	302936	33.640	ng		95
12) 1,3-Dichlorobenzene	6.96	146	345102	32.702	ng		99
13) 1,4-Dichlorobenzene	7.04	146	349386	32.952	ng		97
14) 1,2-Dichlorobenzene	7.19	146	328814	33.340	ng		97
15) Benzyl Alcohol	7.15	79	279944	30.880	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	571956	30.831	ng		97
17) 2-Methylphenol	7.26	107	245387	31.352	ng		97
18) Hexachloroethane	7.53	117	114948	30.452	ng		90
19) n-Nitroso-di-n-propylamine	7.42	70	222233	30.518	ng	#	89
20) 3+4-Methylphenols	7.41	107	306011	30.510	ng		97
22) Acetophenone	7.42	105	438805	36.458	ng	#	97
24) Nitrobenzene	7.60	77	326152	34.965	ng		95
25) Isophorone	7.83	82	584820	33.262	ng		96
26) 2-Nitrophenol	7.91	139	130658	37.091	ng		94
27) 2,4-Dimethylphenol	7.94	122	261138	33.464	ng		99
28) bis(2-Chloroethoxy)methane	8.04	93	362692	35.336	ng		99
29) 2,4-Dichlorophenol	8.15	162	244653	34.068	ng		96
30) 1,2,4-Trichlorobenzene	8.24	180	276762	34.955	ng		98
31) Naphthalene	8.32	128	841042	35.928	ng		100
32) Benzoic acid	8.00	122	13880	8.658	ng		94
33) 4-Chloroaniline	8.37	127	238065	23.336	ng		98
34) Hexachlorobutadiene	8.43	225	175228	34.960	ng		99
35) Caprolactam	8.72	113	67678	30.073	ng	#	80
36) 4-Chloro-3-methylphenol	8.84	107	234301	30.244	ng		97
37) 2-Methylnaphthalene	9.01	142	559418	33.776	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	274049	39.752	ng		97
40) Hexachlorocyclopentadiene	9.16	237	72170	16.208	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	161185	37.678	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	171972	36.517	ng	#	94
45) 1,1'-Biphenyl	9.48	154	653818	39.502	ng		98
46) 2-Chloronaphthalene	9.51	162	490388	37.486	ng		96
47) 2-Nitroaniline	9.60	65	161825	38.231	ng	#	81
48) Acenaphthylene	9.92	152	744634	36.005	ng		100
49) Dimethylphthalate	9.77	163	658507	42.110	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	113925	34.821	ng		89
51) Acenaphthene	10.10	154	428252	33.808	ng		100
52) 3-Nitroaniline	10.01	138	107744	30.099	ng		91
53) 2,4-Dinitrophenol	10.11	184	4695	10.519	ng	#	35
54) Dibenzofuran	10.27	168	642056	34.985	ng		97
55) 4-Nitrophenol	10.17	139	162939	60.110	ng		91
56) 2,4-Dinitrotoluene	10.24	165	136911	32.510	ng	#	96
57) Fluorene	10.61	166	490902	33.790	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	130280	33.098	ng	#	87
59) Diethylphthalate	10.47	149	528789	34.921	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	260624	34.428	ng		88
61) 4-Nitroaniline	10.62	138	111967	31.637	ng		96
62) Azobenzene	10.76	77	503023	32.167	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	7881	10.120	ng		91
65) n-Nitrosodiphenylamine	10.72	169	441360	38.136	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	157793	37.074	ng	#	84
67) Hexachlorobenzene	11.17	284	154827	34.574	ng	#	85
68) Atrazine	11.24	200	139361	35.901	ng		96
69) Pentachlorophenol	11.36	266	148243	69.162	ng		99
70) Phenanthrene	11.58	178	716821	38.805	ng		99
71) Anthracene	11.64	178	700856	37.018	ng		100
72) Carbazole	11.79	167	623212	37.049	ng		99
73) Di-n-butylphthalate	12.11	149	750858	39.408	ng		99
74) Fluoranthene	12.78	202	829001	41.120	ng		96
76) Benzidine	12.90	184	108421	7.436	ng		97
77) Pyrene	13.01	202	855363	34.621	ng		99
79) Butylbenzylphthalate	13.61	149	345529	35.220	ng		96
80) Benzo(a)anthracene	14.21	228	825725	36.869	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	190684	23.758	ng	#	97
82) Chrysene	14.24	228	768058	37.407	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	484428	36.464	ng		99
84) Di-n-octyl phthalate	14.79	149	868404	42.860	ng		96
85) Indeno(1,2,3-cd)pyrene	17.41	276	464176	26.091	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	728834m	40.978	ng		
88) Benzo(k)fluoranthene	15.34	252	651794	39.866	ng	#	97
89) Benzo(a)pyrene	15.71	252	590100	37.050	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	381398	28.942	ng	#	93
91) Benzo(g,h,i)perylene	17.90	276	381751	29.419	ng	#	90

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

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