Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121279.D
Acq On : 13 Aug 2020 19:37
Operator : JU/CG
Sample : L3659-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

Manual Integrations APPROVED
Sohil
8/14/2020 2:53:26 PM

Quant Time: Aug 14 11:22:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	5663	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	22223	20.00	ng		0.00
39) Acenaphthene-d10	9.75	164	11552	20.00	ng		0.00
64) Phenanthrene-d10	11.23	188	22349	20.00	ng		0.00
76) Chrysene-d12	13.87	240	21314	20.00	ng		0.00
86) Perylene-d12	15.29	264	21103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	30100	80.58	ng		0.00
7) Phenol-d6	6.35	99	37764	78.45	ng		0.00
23) Nitrobenzene-d5	7.28	82	22866	56.23	ng		0.00
42) 2,4,6-Tribromophenol	10.54	330	9831	69.12	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	50997	61.07	ng		0.00
79) Terphenyl-d14	12.82	244	59421	54.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	5437	34.204	ng	#	87
3) Pyridine	3.06	79	13010m	31.441	ng		
4) n-Nitrosodimethylamine	2.92	42	6918	40.821	ng	#	84
6) Aniline	6.37	93	8051	14.109	ng	#	64
8) 2-Chlorophenol	6.50	128	16977	41.333	ng		92
9) Benzaldehyde	6.26	77	10270	41.402	ng		99
10) Phenol	6.36	94	21869	41.882	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	16107	42.734	ng		99
12) 1,3-Dichlorobenzene	6.66	146	18377	42.344	ng		96
13) 1,4-Dichlorobenzene	6.73	146	19059	43.448	ng		99
14) 1,2-Dichlorobenzene	6.89	146	18286	44.169	ng		98
15) Benzyl Alcohol	6.86	79	13060	40.504	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	23444	43.196	ng		99
17) 2-Methylphenol	6.98	107	14127	43.542	ng		95
18) Hexachloroethane	7.23	117	6419	41.380	ng		90
19) n-Nitroso-di-n-propylamine	7.13	70	11621	43.452	ng		97
20) 3+4-Methylphenols	7.13	107	17974	43.665	ng	#	86
22) Acetophenone	7.13	105	24361	42.561	ng	#	97
24) Nitrobenzene	7.30	77	17366	39.360	ng		91
25) Isophorone	7.54	82	31941	39.125	ng		96
26) 2-Nitrophenol	7.62	139	7733	36.173	ng		96
27) 2,4-Dimethylphenol	7.66	122	15180	44.318	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	20136	44.097	ng		97
29) 2,4-Dichlorophenol	7.87	162	13244	37.812	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	15366	39.748	ng		98
31) Naphthalene	8.02	128	52261	41.800	ng		99
32) Benzoic acid	7.75	122	3893	24.962	ng		91
33) 4-Chloroaniline	8.08	127	7661	15.015	ng		96
34) Hexachlorobutadiene	8.15	225	9493	40.585	ng		99
35) Caprolactam	8.40	113	3892	36.891	ng	#	88
36) 4-Chloro-3-methylphenol	8.56	107	13671	38.256	ng		97
37) 2-Methylnaphthalene	8.72	142	34975	42.511	ng		97
38) 1-Methylnaphthalene	8.82	142	32332	41.505	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	15525	40.109	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	3292	33.759	ng		97
43) 2,4,6-Trichlorophenol	9.00	196	9196	37.356	ng		98
44) 2,4,5-Trichlorophenol	9.04	196	9794	36.629	ng		96
46) 1,1'-Biphenyl	9.17	154	43046	43.125	ng		98
47) 2-Chloronaphthalene	9.20	162	31959	41.594	ng		93
48) 2-Nitroaniline	9.30	65	8526	39.477	ng		95
49) Acenaphthylene	9.62	152	51716	42.377	ng		96
50) Dimethylphthalate	9.47	163	42130	48.466	ng		100
51) 2,6-Dinitrotoluene	9.54	165	6773	34.953	ng		90
52) Acenaphthene	9.79	154	29826	41.279	ng		99
53) 3-Nitroaniline	9.70	138	6439	29.103	ng		94
54) 2,4-Dinitrophenol	9.83	184	1270	23.317	ng	#	72
55) Dibenzofuran	9.96	168	48251	41.934	ng		97
56) 4-Nitrophenol	9.88	139	8611	60.309	ng		95
57) 2,4-Dinitrotoluene	9.95	165	9206	36.202	ng	#	96
58) Fluorene	10.30	166	36718	42.156	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.08	232	7447	35.226	ng	#	92
60) Diethylphthalate	10.17	149	36108	40.848	ng		99
61) 4-Chlorophenyl-phenylether	10.29	204	18455	43.565	ng		96
62) 4-Nitroaniline	10.31	138	7719	34.798	ng		91
63) Azobenzene	10.45	77	34802	39.403	ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	1878	17.820	ng		96
66) n-Nitrosodiphenylamine	10.41	169	30938	40.372	ng		100
67) 4-Bromophenyl-phenylether	10.78	248	10790	41.390	ng		96
68) Hexachlorobenzene	10.84	284	12486	42.002	ng		99
69) Atrazine	10.93	200	8454	36.882	ng		99
70) Pentachlorophenol	11.04	266	5431	44.110	ng		99
71) Phenanthrene	11.26	178	53857	42.123	ng		100
72) Anthracene	11.31	178	55023	42.885	ng		99
73) Carbazole	11.47	167	52176	41.581	ng		100
74) Di-n-butylphthalate	11.80	149	57310	40.463	ng		98
75) Fluoranthene	12.44	202	61769	43.387	ng		98
77) Benzidine	12.57	184	14177	25.302	ng		97
78) Pyrene	12.67	202	64092	40.380	ng		99
80) Butylbenzylphthalate	13.29	149	24128	37.215	ng		97
81) Benzo(a)anthracene	13.86	228	61516	42.553	ng		98
82) 3,3'-Dichlorobenzidine	13.82	252	8905	15.526	ng		99
83) Chrysene	13.89	228	59471	40.293	ng		97
84) Bis(2-ethylhexyl)phthalate	13.86	149	37391	41.842	ng		99
85) Di-n-octyl phthalate	14.46	149	64608	39.433	ng		100
87) Indeno(1,2,3-cd)pyrene	16.65	276	65555	41.782	ng		99
88) Benzo(b)fluoranthene	14.88	252	59460	42.052	ng		99
89) Benzo(k)fluoranthene	14.90	252	58895	44.854	ng		97
90) Benzo(a)pyrene	15.22	252	52219	40.917	ng		99
91) Dibenzo(a,h)anthracene	16.66	278	53985	40.156	ng		98
92) Benzo(g,h,i)perylene	17.06	276	55433	41.782	ng		99

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

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