Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121427.D
Acq On : 25 Aug 2020 14:55
Operator : JU/CG
Sample : L3784-16MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-04MSD

Manual Integrations APPROVED
mohammad
8/26/2020 4:00:39 PM

Quant Time: Aug 25 16:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	152360	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	615640	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	327919	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	638561	20.00	ng		0.00
76) Chrysene-d12	13.86	240	525898	20.00	ng		0.02
86) Perylene-d12	15.27	264	609377	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	724075	77.93	ng		0.02
7) Phenol-d6	6.35	99	860752	72.57	ng		0.01
23) Nitrobenzene-d5	7.26	82	585796	53.81	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	273245	71.51	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1040856	56.62	ng		0.00
79) Terphenyl-d14	12.80	244	1112295	41.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	147128	34.992	ng		99
3) Pyridine	3.08	79	360476	31.943	ng		98
4) n-Nitrosodimethylamine	3.03	42	174476	37.986	ng		99
6) Aniline	6.36	93	348628	25.454	ng	#	67
8) 2-Chlorophenol	6.49	128	384749	39.618	ng		99
9) Benzaldehyde	6.25	77	224352	33.621	ng		97
10) Phenol	6.36	94	448817	36.086	ng		94
11) bis(2-Chloroethyl)ether	6.43	93	358837	37.461	ng		99
12) 1,3-Dichlorobenzene	6.63	146	388989	35.751	ng		99
13) 1,4-Dichlorobenzene	6.72	146	391978	35.687	ng		98
14) 1,2-Dichlorobenzene	6.86	146	370069	35.379	ng		99
15) Benzyl Alcohol	6.85	79	307662	43.108	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	478392	33.919	ng		80
17) 2-Methylphenol	6.97	107	299373	37.360	ng	#	92
18) Hexachloroethane	7.20	117	143927	35.191	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	240783	37.744	ng		98
20) 3+4-Methylphenols	7.13	107	388007	49.739	ng	#	77
22) Acetophenone	7.11	105	498723	34.650	ng		94
24) Nitrobenzene	7.29	77	388566	35.023	ng		96
25) Isophorone	7.53	82	702357	35.455	ng		98
26) 2-Nitrophenol	7.60	139	213288	37.485	ng		94
27) 2,4-Dimethylphenol	7.65	122	335992	41.383	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	451728	33.498	ng		100
29) 2,4-Dichlorophenol	7.85	162	318676	35.950	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	336116	33.158	ng		99
31) Naphthalene	8.00	128	1048246	34.212	ng		99
32) Benzoic acid	7.80	122	196541	33.470	ng		100
33) 4-Chloroaniline	8.06	127	225740	16.638	ng		99
34) Hexachlorobutadiene	8.12	225	190920	31.825	ng		100
35) Caprolactam	8.43	113	106576m	36.710	ng		
36) 4-Chloro-3-methylphenol	8.56	107	327714	36.553	ng		98
37) 2-Methylnaphthalene	8.69	142	708649	35.683	ng		99
38) 1-Methylnaphthalene	8.79	142	659222	34.911	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	332036	34.116	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	229188	61.046	ng		100
43) 2,4,6-Trichlorophenol	8.98	196	225581	33.903	ng		98
44) 2,4,5-Trichlorophenol	9.03	196	242577	35.436	ng		96
46) 1,1'-Biphenyl	9.16	154	854243	34.757	ng		99
47) 2-Chloronaphthalene	9.18	162	658858	32.538	ng		99
48) 2-Nitroaniline	9.29	65	214408	33.630	ng		91
49) Acenaphthylene	9.59	152	1050663	34.934	ng		100
50) Dimethylphthalate	9.46	163	911897	38.224	ng		99
51) 2,6-Dinitrotoluene	9.53	165	176825	34.705	ng		95
52) Acenaphthene	9.76	154	611087	33.440	ng		96
53) 3-Nitroaniline	9.69	138	123309	19.347	ng		91
54) 2,4-Dinitrophenol	9.82	184	183798	74.827	ng		92
55) Dibenzofuran	9.94	168	885677	37.013	ng		99
56) 4-Nitrophenol	9.89	139	249575	63.492	ng		93
57) 2,4-Dinitrotoluene	9.93	165	213110	34.286	ng	#	86
58) Fluorene	10.28	166	694746	39.778	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	202523	34.609	ng		100
60) Diethylphthalate	10.16	149	781642	33.552	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	337693	38.132	ng		99
62) 4-Nitroaniline	10.32	138	199230	30.507	ng		96
63) Azobenzene	10.43	77	741300	34.259	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	134460	39.374	ng		97
66) n-Nitrosodiphenylamine	10.39	169	659265	33.471	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	231733	32.715	ng		96
68) Hexachlorobenzene	10.83	284	262473	32.147	ng		99
69) Atrazine	10.93	200	191172	31.331	ng		99
70) Pentachlorophenol	11.03	266	268323	73.862	ng		100
71) Phenanthrene	11.24	178	1137210	34.410	ng		99
72) Anthracene	11.29	178	1120717	35.215	ng		99
73) Carbazole	11.45	167	1069650	35.217	ng		99
74) Di-n-butylphthalate	11.78	149	1242778	33.932	ng		100
75) Fluoranthene	12.43	202	1337639	37.290	ng		97
77) Benzidine	12.56	184	653036	45.072	ng		100
78) Pyrene	12.66	202	1345953	34.071	ng		99
80) Butylbenzylphthalate	13.27	149	557132	32.822	ng		100
81) Benzo(a)anthracene	13.85	228	1140883	34.928	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	349290	27.851	ng		99
83) Chrysene	13.89	228	1117382	33.447	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	697519	34.942	ng		99
85) Di-n-octyl phthalate	14.44	149	1310425	35.472	ng		100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1296476	34.854	ng		100
88) Benzo(b)fluoranthene	14.87	252	1285033	32.641	ng		99
89) Benzo(k)fluoranthene	14.90	252	1110642	32.049	ng		98
90) Benzo(a)pyrene	15.22	252	1127834	33.156	ng		99
91) Dibenzo(a,h)anthracene	16.66	278	1041881	34.161	ng		99
92) Benzo(g,h,i)perylene	17.06	276	1102010	36.960	ng		100

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

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