Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120493.D
Acq On : 2 Jun 2020 14:29
Operator : JU/CG
Sample : L2814-01MS 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MS

Manual Integrations APPROVED
mohammad
6/3/2020 4:35:57 PM

Quant Time: Jun 02 15:37:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 11:37:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	193650	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	696523	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	312825	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	505824	20.00	ng		0.00
76) Chrysene-d12	14.03	240	288234	20.00	ng		0.02
86) Perylene-d12	15.49	264	351036	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	583171	57.39	ng		0.00
7) Phenol-d6	6.48	99	719933	57.48	ng		0.00
23) Nitrobenzene-d5	7.40	82	445871	41.87	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	159406	55.00	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	841944	45.67	ng		0.00
79) Terphenyl-d14	12.96	244	749467	57.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	100575	19.981	ng		99
3) Pyridine	3.39	79	227970	16.353	ng		99
4) n-Nitrosodimethylamine	3.32	42	117735	19.957	ng		97
6) Aniline	6.50	93	175497	10.049	ng		98
8) 2-Chlorophenol	6.63	128	259469	22.646	ng		98
9) Benzaldehyde	6.39	77	142756	18.702	ng		95
10) Phenol	6.49	94	319743	23.345	ng		82
11) bis(2-Chloroethyl)ether	6.57	93	248155	21.682	ng		99
12) 1,3-Dichlorobenzene	6.79	146	271723	21.586	ng		98
13) 1,4-Dichlorobenzene	6.86	146	276835	22.043	ng		99
14) 1,2-Dichlorobenzene	7.02	146	261326	22.528	ng		99
15) Benzyl Alcohol	6.99	79	208758	22.111	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	351784	19.497	ng		99
17) 2-Methylphenol	7.10	107	201087	19.627	ng		99
18) Hexachloroethane	7.36	117	77274	16.809	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	163723	20.564	ng		97
20) 3+4-Methylphenols	7.25	107	247568	19.127	ng	#	87
22) Acetophenone	7.25	105	332355	23.495	ng	#	96
24) Nitrobenzene	7.42	77	252394	22.004	ng		100
25) Isophorone	7.66	82	446053	20.842	ng		100
26) 2-Nitrophenol	7.74	139	122992	23.782	ng		96
27) 2,4-Dimethylphenol	7.78	122	216403	24.095	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	285799	22.176	ng		99
29) 2,4-Dichlorophenol	7.99	162	201290	22.190	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	227202	22.318	ng		99
31) Naphthalene	8.15	128	1136584	37.155	ng		100
32) Benzoic acid	7.88	122	123379	18.512	ng		97
33) 4-Chloroaniline	8.20	127	106924	7.887	ng		96
34) Hexachlorobutadiene	8.27	225	129084	21.392	ng		100
35) Caprolactam	8.55	113	61867	21.059	ng		94
36) 4-Chloro-3-methylphenol	8.68	107	191568	20.815	ng		100
37) 2-Methylnaphthalene	8.84	142	738202	36.433	ng		98
38) 1-Methylnaphthalene	8.94	142	676141	35.353	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	209434	26.107	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	25717	5.744	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	134964	23.262	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	141775	21.557	ng		96
46) 1,1'-Biphenyl	9.30	154	641332	31.208	ng		99
47) 2-Chloronaphthalene	9.33	162	400984	23.696	ng		99
48) 2-Nitroaniline	9.42	65	117969	22.888	ng		99
49) Acenaphthylene	9.75	152	809663	30.963	ng		98
50) Dimethylphthalate	9.60	163	596985	30.525	ng		99
51) 2,6-Dinitrotoluene	9.66	165	90663	20.860	ng		94
52) Acenaphthene	9.92	154	866946	53.121	ng		100
53) 3-Nitroaniline	9.83	138	76162	14.923	ng		94
54) 2,4-Dinitrophenol	9.95	184	14474	15.094	ng	#	60
55) Dibenzofuran	10.09	168	1124314	47.406	ng		98
56) 4-Nitrophenol	10.00	139	148105	37.904	ng		98
57) 2,4-Dinitrotoluene	10.07	165	119492	21.482	ng	#	97
58) Fluorene	10.44	166	1289370	72.446	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	102634	20.027	ng	#	77
60) Diethylphthalate	10.30	149	436089	22.066	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	195204	20.230	ng		96
62) 4-Nitroaniline	10.44	138	86108	17.871	ng		93
63) Azobenzene	10.58	77	375822	20.217	ng		88
65) 4,6-Dinitro-2-methylphenol	10.49	198	12970	7.030	ng		81
66) n-Nitrosodiphenylamine	10.54	169	369795	26.318	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	119875	23.478	ng		95
68) Hexachlorobenzene	10.99	284	121650	22.372	ng		96
69) Atrazine	11.07	200	96708	24.419	ng		98
70) Pentachlorophenol	11.19	266	110622	33.275	ng		99
71) Phenanthrene	11.42	178	4406819	197.721	ng		98
72) Anthracene	11.46	178	2426033	108.486	ng		99
73) Carbazole	11.60	167	804505	37.194	ng		98
74) Di-n-butylphthalate	11.93	149	618763	24.592	ng		99
75) Fluoranthene	12.61	202	5898214	245.940	ng		98
77) Benzidine	12.72	184	274566	36.255	ng		99
78) Pyrene	12.84	202	4988580	248.869	ng		96
80) Butylbenzylphthalate	13.43	149	240178	28.701	ng		99
81) Benzo(a)anthracene	14.02	228	3836356	248.344	ng		96
82) 3,3'-Dichlorobenzidine	13.98	252	143495	25.586	ng		97
83) Chrysene	14.06	228	2785946	172.025	ng		96
84) Bis(2-ethylhexyl)phthalate	13.99	149	316102	32.179	ng	#	98
85) Di-n-octyl phthalate	14.61	149	561560	33.038	ng		96
87) Indeno(1,2,3-cd)pyrene	16.97	276	1605111	83.601	ng		96
88) Benzo(b)fluoranthene	15.08	252	3525826m	180.834	ng		
89) Benzo(k)fluoranthene	15.10	252	1378225m	75.718	ng		
90) Benzo(a)pyrene	15.44	252	2519847	147.752	ng		97
91) Dibenzo(a,h)anthracene	16.98	278	648086	41.403	ng		97
92) Benzo(g,h,i)perylene	17.42	276	1354069	87.707	ng		98

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

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