Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119254.D
Acq On : 6 Mar 2020 17:15
Operator : CG/JU
Sample : L1792-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3MS

Manual Integrations APPROVED
mohammad
3/9/2020 3:09:16 PM

Quant Time: Mar 07 01:34:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113886	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	446057	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	247505	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	482627	20.00	ng		0.00
76) Chrysene-d12	13.89	240	373776	20.00	ng		0.00
87) Perylene-d12	15.31	264	366387	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	679737	99.75	ng		0.00
7) Phenol-d6	6.39	99	818261	98.73	ng		0.00
23) Nitrobenzene-d5	7.29	82	547458	64.80	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	305401	94.32	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1096516	65.27	ng		0.00
79) Terphenyl-d14	12.83	244	1502651	69.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	114370	37.694	ng		98
3) Pyridine	3.16	79	273185	32.968	ng		99
4) n-Nitrosodimethylamine	3.10	42	115557	46.035	ng		93
6) Aniline	6.39	93	254854	24.921	ng		91
8) 2-Chlorophenol	6.52	128	348429	47.377	ng		98
9) Benzaldehyde	6.27	77	257995	46.592	ng		98
10) Phenol	6.40	94	416270	46.455	ng		85
11) bis(2-Chloroethyl)ether	6.46	93	308866	45.049	ng		96
12) 1,3-Dichlorobenzene	6.66	146	375666	42.618	ng		97
13) 1,4-Dichlorobenzene	6.74	146	383500	43.477	ng		99
14) 1,2-Dichlorobenzene	6.89	146	357710	44.466	ng		98
15) Benzyl Alcohol	6.88	79	288609	48.182	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249354	41.984	ng	#	42
17) 2-Methylphenol	7.00	107	275809	46.256	ng		94
18) Hexachloroethane	7.23	117	134775	42.708	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	233958	48.445	ng		97
20) 3+4-Methylphenols	7.16	107	368982	50.511	ng	#	86
22) Acetophenone	7.14	105	465659	45.119	ng	#	95
24) Nitrobenzene	7.31	77	358516	42.914	ng		97
25) Isophorone	7.55	82	642409	43.785	ng		99
26) 2-Nitrophenol	7.63	139	193334	43.677	ng		97
27) 2,4-Dimethylphenol	7.67	122	280615	46.710	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	387116	40.537	ng		99
29) 2,4-Dichlorophenol	7.88	162	305504	43.197	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	336713	40.156	ng		96
31) Naphthalene	8.03	128	989041	42.754	ng		98
32) Benzoic acid	7.85	122	166747	39.426	ng		98
33) 4-Chloroaniline	8.09	127	119386	11.999	ng		97
34) Hexachlorobutadiene	8.15	225	204225	39.100	ng		99
35) Caprolactam	8.46	113	96871m	44.484	ng		
36) 4-Chloro-3-methylphenol	8.59	107	327166	45.710	ng		99
37) 2-Methylnaphthalene	8.72	142	682301	43.827	ng		98
38) 1-Methylnaphthalene	8.82	142	636699	43.487	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	338867	40.608	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	127482	46.435 ng	99
43) 2,4,6-Trichlorophenol	9.01	196	215148	40.827 ng	98
44) 2,4,5-Trichlorophenol	9.06	196	228452	41.313 ng	98
46) 1,1'-Biphenyl	9.18	154	830418	41.514 ng	98
47) 2-Chloronaphthalene	9.21	162	661723	41.050 ng	97
48) 2-Nitroaniline	9.32	65	195956	43.584 ng	95
49) Acenaphthylene	9.62	152	1016170	43.647 ng	100
50) Dimethylphthalate	9.49	163	903919	47.760 ng	99
51) 2,6-Dinitrotoluene	9.56	165	184733	43.933 ng	97
52) Acenaphthene	9.79	154	612015	43.595 ng	98
53) 3-Nitroaniline	9.73	138	82938	17.792 ng	100
54) 2,4-Dinitrophenol	9.85	184	142212	70.560 ng	98
55) Dibenzofuran	9.97	168	895305	42.727 ng	99
56) 4-Nitrophenol	9.92	139	181038	64.639 ng	99
57) 2,4-Dinitrotoluene	9.97	165	237494	43.575 ng	96
58) Fluorene	10.31	166	736212	45.215 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	200766	43.027 ng	98
60) Diethylphthalate	10.19	149	800606	44.888 ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	379761	44.063 ng	99
62) 4-Nitroaniline	10.35	138	165214	34.641 ng	95
63) Azobenzene	10.46	77	717152	46.259 ng	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	130583	44.713 ng	97
66) n-Nitrosodiphenylamine	10.42	169	671182	42.472 ng	99
67) 4-Bromophenyl-phenylether	10.79	248	252840	40.079 ng	96
68) Hexachlorobenzene	10.86	284	288941	39.726 ng	98
69) Atrazine	10.95	200	224400	40.642 ng	100
70) Pentachlorophenol	11.07	266	219028	74.756 ng	97
71) Phenanthrene	11.27	178	1111883	42.245 ng	98
72) Anthracene	11.32	178	1176287	44.729 ng	99
73) Carbazole	11.48	167	1032947	44.089 ng	99
74) Di-n-butylphthalate	11.80	149	1255522	44.252 ng	99
75) Fluoranthene	12.46	202	1237394	44.291 ng	98
77) Benzidine	12.58	184	384240	25.277 ng	99
78) Pyrene	12.69	202	1251731	41.705 ng	100
80) Butylbenzylphthalate	13.30	149	551979	43.697 ng	99
81) Benzo(a)anthracene	13.87	228	1131497	44.429 ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	262495	26.543 ng	99
83) Chrysene	13.92	228	1075196	42.370 ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	765382	47.960 ng	99
85) Di-n-octyl phthalate	14.46	149	1235645	48.596 ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1065527	43.364 ng	100
88) Benzo(b)fluoranthene	14.91	252	1095155	45.348 ng	99
89) Benzo(k)fluoranthene	14.93	252	950288	42.461 ng	99
90) Benzo(a)pyrene	15.26	252	921845	42.294 ng	98
91) Dibenzo(a,h)anthracene	16.72	278	895053	46.670 ng	100
92) Benzo(g,h,i)perylene	17.14	276	902466	47.626 ng	99

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

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