Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119294.D
Acq On : 9 Mar 2020 20:29
Operator : CG/JU
Sample : L1844-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MS

Manual Integrations APPROVED
mohammad
3/10/2020 2:44:25 PM

Quant Time: Mar 09 21:29:45 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	87225	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	340009	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	195499	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	379991	20.00	ng		0.00
76) Chrysene-d12	13.89	240	302616	20.00	ng		0.00
87) Perylene-d12	15.31	264	304020	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	605950	116.10	ng		0.00
7) Phenol-d6	6.38	99	724174	114.08	ng		0.00
23) Nitrobenzene-d5	7.29	82	482871	74.99	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	282895	110.62	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	983045	74.08	ng		0.00
79) Terphenyl-d14	12.82	244	1365380	77.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	91391	39.328	ng		98
3) Pyridine	3.13	79	216864	34.171	ng		97
4) n-Nitrosodimethylamine	3.07	42	87590	45.560	ng		93
6) Aniline	6.39	93	258994	33.066	ng		96
8) 2-Chlorophenol	6.52	128	285272	50.646	ng		97
9) Benzaldehyde	6.27	77	192798	45.460	ng		100
10) Phenol	6.39	94	332707	48.478	ng		98
11) bis(2-Chloroethyl)ether	6.46	93	248856	47.390	ng		98
12) 1,3-Dichlorobenzene	6.66	146	307842	45.599	ng		98
13) 1,4-Dichlorobenzene	6.74	146	316095	46.789	ng		99
14) 1,2-Dichlorobenzene	6.89	146	291675	47.340	ng		99
15) Benzyl Alcohol	6.88	79	231673	50.499	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	201646	44.329	ng	#	42
17) 2-Methylphenol	7.00	107	222090	48.632	ng		94
18) Hexachloroethane	7.23	117	110566	45.745	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	192639	52.081	ng		94
20) 3+4-Methylphenols	7.16	107	299994	53.619	ng	#	86
22) Acetophenone	7.14	105	380727	48.396	ng	#	93
24) Nitrobenzene	7.31	77	291274	45.740	ng		97
25) Isophorone	7.55	82	522437	46.715	ng		100
26) 2-Nitrophenol	7.63	139	153938	45.623	ng		97
27) 2,4-Dimethylphenol	7.67	122	238921	52.174	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	313233	43.030	ng		99
29) 2,4-Dichlorophenol	7.88	162	246971	45.813	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	273119	42.730	ng		99
31) Naphthalene	8.03	128	805989	45.708	ng		98
32) Benzoic acid	7.83	122	121180	37.900	ng		99
33) 4-Chloroaniline	8.09	127	130025	17.144	ng		98
34) Hexachlorobutadiene	8.15	225	166567	41.837	ng		99
35) Caprolactam	8.46	113	78884m	47.522	ng		
36) 4-Chloro-3-methylphenol	8.59	107	266532	48.853	ng		99
37) 2-Methylnaphthalene	8.72	142	556864	46.926	ng		99
38) 1-Methylnaphthalene	8.82	142	525184	47.059	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	280221	42.513	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	87783	41.685 ng	99
43) 2,4,6-Trichlorophenol	9.01	196	174728	41.977 ng	99
44) 2,4,5-Trichlorophenol	9.06	196	183264	41.957 ng	99
46) 1,1'-Biphenyl	9.18	154	680200	43.050 ng	98
47) 2-Chloronaphthalene	9.21	162	544438	42.759 ng	96
48) 2-Nitroaniline	9.32	65	160137	45.092 ng	97
49) Acenaphthylene	9.62	152	837479	45.541 ng	99
50) Dimethylphthalate	9.49	163	724801	48.484 ng	99
51) 2,6-Dinitrotoluene	9.56	165	150771	45.395 ng	100
52) Acenaphthene	9.79	154	494627	44.606 ng	99
53) 3-Nitroaniline	9.73	138	82629	22.441 ng	97
54) 2,4-Dinitrophenol	9.85	184	99898	63.578 ng	91
55) Dibenzofuran	9.97	168	742340	44.852 ng	97
56) 4-Nitrophenol	9.92	139	123728	55.928 ng	98
57) 2,4-Dinitrotoluene	9.97	165	194979	45.291 ng	99
58) Fluorene	10.31	166	612937	47.658 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	157517	42.738 ng	97
60) Diethylphthalate	10.18	149	669658	47.534 ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	319928	46.996 ng	96
62) 4-Nitroaniline	10.35	138	140491	37.293 ng	95
63) Azobenzene	10.46	77	598136	48.845 ng	94
65) 4,6-Dinitro-2-methylphenol	10.39	198	96316	41.888 ng	92
66) n-Nitrosodiphenylamine	10.42	169	557473	44.805 ng	100
67) 4-Bromophenyl-phenylether	10.79	248	209047	42.087 ng	95
68) Hexachlorobenzene	10.86	284	242296	42.310 ng	99
69) Atrazine	10.95	200	192862	44.365 ng	97
70) Pentachlorophenol	11.07	266	162061	70.253 ng	98
71) Phenanthrene	11.27	178	936715	45.202 ng	98
72) Anthracene	11.32	178	983763	47.512 ng	98
73) Carbazole	11.48	167	870218	47.176 ng	99
74) Di-n-butylphthalate	11.80	149	1106117	49.516 ng	98
75) Fluoranthene	12.46	202	1049282	47.702 ng	99
77) Benzidine	12.58	184	531947	43.223 ng	98
78) Pyrene	12.69	202	1067438	43.928 ng	98
80) Butylbenzylphthalate	13.30	149	494306	48.333 ng	100
81) Benzo(a)anthracene	13.87	228	954586	46.296 ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	277932	34.713 ng	99
83) Chrysene	13.92	228	925444	45.044 ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	710052	54.956 ng	100
85) Di-n-octyl phthalate	14.46	149	1176609	57.155 ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	871357	43.801 ng	100
88) Benzo(b)fluoranthene	14.91	252	927939	46.306 ng	99
89) Benzo(k)fluoranthene	14.93	252	854696	46.023 ng	100
90) Benzo(a)pyrene	15.26	252	786509	43.487 ng	99
91) Dibenzo(a,h)anthracene	16.72	278	734312	46.144 ng	97
92) Benzo(g,h,i)perylene	17.14	276	705013	44.838 ng	99

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

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