Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119336.D
Acq On : 11 Mar 2020 6:00
Operator : CG/JU
Sample : L1826-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC5B39MS

Manual Integrations APPROVED
mohammad
3/11/2020 4:58:50 PM

Quant Time: Mar 11 08:46:49 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	6.73	152	115426	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	423707	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	205826	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	307838	20.00	ng		0.00
76) Chrysene-d12	13.89	240	236100	20.00	ng		0.00
87) Perylene-d12	15.32	264	198832	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	840792	121.73	ng		0.02
7) Phenol-d6	6.39	99	901123	107.28	ng		0.01
23) Nitrobenzene-d5	7.30	82	704133	87.75	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	278784	103.54	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1303650	93.31	ng		0.00
79) Terphenyl-d14	12.83	244	1149749	83.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	99010	32.197	ng	#	86
3) Pyridine	3.44	79	26474m	3.152	ng		
4) n-Nitrosodimethylamine	3.22	42	102976	40.476	ng		95
6) Aniline	6.41	93	26849	2.590	ng	#	1
8) 2-Chlorophenol	6.53	128	348606	46.769	ng		98
9) Benzaldehyde	6.28	77	268822	47.900	ng		98
10) Phenol	6.40	94	338715	37.295	ng	#	74
11) bis(2-Chloroethyl)ether	6.46	93	318558	45.842	ng		98
12) 1,3-Dichlorobenzene	6.67	146	379211	42.446	ng		99
13) 1,4-Dichlorobenzene	6.75	146	389856	43.608	ng		98
14) 1,2-Dichlorobenzene	6.90	146	354690	43.503	ng		98
15) Benzyl Alcohol	6.89	79	267193	44.011	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	260238	43.232	ng	#	33
17) 2-Methylphenol	7.00	107	269207	44.547	ng	#	91
18) Hexachloroethane	7.23	117	119315	37.304	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	242208	49.484	ng		95
20) 3+4-Methylphenols	7.16	107	351492	47.475	ng	#	87
22) Acetophenone	7.14	105	480603	49.024	ng		95
24) Nitrobenzene	7.32	77	360487	45.426	ng		98
25) Isophorone	7.56	82	644500	46.245	ng		99
26) 2-Nitrophenol	7.63	139	170559	40.564	ng		97
27) 2,4-Dimethylphenol	7.68	122	267639	46.900	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	398071	43.882	ng		99
29) 2,4-Dichlorophenol	7.89	162	293181	43.641	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	328252	41.211	ng		100
31) Naphthalene	8.03	128	978462	44.528	ng		99
32) Benzoic acid	7.85	122	90353m	25.359	ng		
33) 4-Chloroaniline	8.10	127	38194	4.041	ng		99
34) Hexachlorobutadiene	8.15	225	204217	41.161	ng		98
35) Caprolactam	8.47	113	50826	24.571	ng		98
36) 4-Chloro-3-methylphenol	8.59	107	297004	43.684	ng		99
37) 2-Methylnaphthalene	8.72	142	650851	44.012	ng		98
38) 1-Methylnaphthalene	8.82	142	607289	43.667	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	317962	45.819	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	5050	11.159	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	193482	44.151	ng		100
44) 2,4,5-Trichlorophenol	9.07	196	190712	41.472	ng		97
46) 1,1'-Biphenyl	9.19	154	773292	46.486	ng		98
47) 2-Chloronaphthalene	9.21	162	594716	44.364	ng		98
48) 2-Nitroaniline	9.32	65	175243	46.869	ng		94
49) Acenaphthylene	9.62	152	860646	44.452	ng		99
50) Dimethylphthalate	9.49	163	847484	53.846	ng		99
51) 2,6-Dinitrotoluene	9.56	165	144946	41.451	ng	#	84
52) Acenaphthene	9.79	154	516625	44.252	ng		99
53) 3-Nitroaniline	9.73	138	72325	18.657	ng		99
54) 2,4-Dinitrophenol	9.89	184	9194	12.380	ng	#	85
55) Dibenzofuran	9.97	168	747649	42.906	ng		98
56) 4-Nitrophenol	9.93	139	60871m	26.135	ng		
57) 2,4-Dinitrotoluene	9.97	165	166327	36.697	ng		89
58) Fluorene	10.31	166	588483	43.461	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	157855	40.681	ng		97
60) Diethylphthalate	10.18	149	706803	47.653	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	322510	44.998	ng		96
62) 4-Nitroaniline	10.35	138	124852	31.479	ng		96
63) Azobenzene	10.46	77	571583	44.335	ng		94
65) 4,6-Dinitro-2-methylphenol	10.40	198	9832	5.278	ng		86
66) n-Nitrosodiphenylamine	10.42	169	530190	52.600	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	194521	48.342	ng		95
68) Hexachlorobenzene	10.86	284	209412	45.139	ng		97
69) Atrazine	10.95	200	169503	48.130	ng		99
70) Pentachlorophenol	11.07	266	136219	72.891	ng		97
71) Phenanthrene	11.27	178	759255	45.226	ng		98
72) Anthracene	11.32	178	783804	46.727	ng		98
73) Carbazole	11.48	167	667077	44.640	ng		99
74) Di-n-butylphthalate	11.80	149	991680	54.799	ng		98
75) Fluoranthene	12.46	202	780629	43.806	ng		98
77) Benzidine	12.59	184	22719	2.366	ng		97
78) Pyrene	12.69	202	798342	42.110	ng		98
80) Butylbenzylphthalate	13.30	149	357230	44.771	ng		98
81) Benzo(a)anthracene	13.88	228	767416	47.704	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	223831	35.832	ng	#	99
83) Chrysene	13.92	228	721790	45.029	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	524884	52.069	ng		98
85) Di-n-octyl phthalate	14.46	149	878520	54.698	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	532379	34.301	ng		99
88) Benzo(b)fluoranthene	14.91	252	677471	51.692	ng		100
89) Benzo(k)fluoranthene	14.94	252	572117	47.105	ng		99
90) Benzo(a)pyrene	15.26	252	521281	44.070	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	457730	43.980	ng		99
92) Benzo(g,h,i)perylene	17.16	276	434122	42.216	ng		100

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

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