Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120237.D
Acq On : 30 Apr 2020 13:57
Operator : MA/SJ
Sample : L2445-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EASTMS

Manual Integrations APPROVED
mohammad
5/4/2020 8:18:51 AM

Quant Time: Apr 30 14:29:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	90763	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	364922	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	188347	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	357449	20.00	ng		0.00
76) Chrysene-d12	13.82	240	300665	20.00	ng		0.00
87) Perylene-d12	15.23	264	320086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	530817	101.07	ng		0.00
7) Phenol-d6	6.30	99	678946	100.33	ng		0.00
23) Nitrobenzene-d5	7.22	82	427647	60.63	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	186007	80.66	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	859982	64.83	ng		0.00
79) Terphenyl-d14	12.77	244	1062346	59.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	108105	46.214	ng		95
3) Pyridine	2.92	79	309339	48.199	ng		97
4) n-Nitrosodimethylamine	2.87	42	177665	54.180	ng		96
6) Aniline	6.31	93	385853	43.441	ng	#	71
8) 2-Chlorophenol	6.44	128	332304	56.629	ng		99
9) Benzaldehyde	6.19	77	124727	31.203	ng		96
10) Phenol	6.32	94	430310	56.048	ng	#	75
11) bis(2-Chloroethyl)ether	6.39	93	313833	52.941	ng		97
12) 1,3-Dichlorobenzene	6.59	146	338626	52.709	ng		98
13) 1,4-Dichlorobenzene	6.67	146	332933	50.874	ng		99
14) 1,2-Dichlorobenzene	6.82	146	328902	54.534	ng		99
15) Benzyl Alcohol	6.80	79	268734	51.127	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	514483	44.600	ng		69
17) 2-Methylphenol	6.93	107	249254	47.597	ng	#	92
18) Hexachloroethane	7.16	117	130027	53.164	ng		92
19) n-Nitroso-di-n-propylamine	7.07	70	220283	50.619	ng		95
20) 3+4-Methylphenols	7.08	107	329484	51.443	ng	#	82
22) Acetophenone	7.06	105	430450	50.373	ng	#	98
24) Nitrobenzene	7.24	77	351874	49.588	ng		97
25) Isophorone	7.48	82	633822	46.612	ng		99
26) 2-Nitrophenol	7.56	139	183521	51.767	ng		90
27) 2,4-Dimethylphenol	7.60	122	277816	51.960	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	399888	49.977	ng		99
29) 2,4-Dichlorophenol	7.80	162	278270	50.774	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	300409	48.376	ng		98
31) Naphthalene	7.96	128	969127	50.476	ng		98
32) Benzoic acid	7.75	122	197263	42.009	ng		98
33) 4-Chloroaniline	8.01	127	220969	26.437	ng		100
34) Hexachlorobutadiene	8.07	225	175750	47.279	ng		98
35) Caprolactam	8.39	113	84665m	50.502	ng		
36) 4-Chloro-3-methylphenol	8.52	107	296163	49.913	ng		97
37) 2-Methylnaphthalene	8.65	142	651444	50.047	ng		98
38) 1-Methylnaphthalene	8.75	142	613045	49.968	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	292651	49.195	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	271650	80.305	ng	98
43) 2,4,6-Trichlorophenol	8.94	196	195117	47.498	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	210652	45.529	ng	99
46) 1,1'-Biphenyl	9.12	154	784063	49.320	ng	98
47) 2-Chloronaphthalene	9.14	162	608645	49.699	ng	99
48) 2-Nitroaniline	9.25	65	214656	48.368	ng	96
49) Acenaphthylene	9.56	152	969438	52.051	ng	97
50) Dimethylphthalate	9.43	163	836205	57.399	ng	100
51) 2,6-Dinitrotoluene	9.49	165	158762	49.765	ng	99
52) Acenaphthene	9.73	154	570724	45.937	ng	98
53) 3-Nitroaniline	9.66	138	118954	32.648	ng	99
54) 2,4-Dinitrophenol	9.77	184	171033	89.546	ng	95
55) Dibenzofuran	9.90	168	849922	49.852	ng	100
56) 4-Nitrophenol	9.85	139	227998	84.102	ng	94
57) 2,4-Dinitrotoluene	9.90	165	206509	49.132	ng	92
58) Fluorene	10.25	166	656501	48.149	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	169059	47.776	ng	100
60) Diethylphthalate	10.13	149	721069	47.756	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	311062	44.512	ng	98
62) 4-Nitroaniline	10.27	138	173995	50.109	ng	98
63) Azobenzene	10.40	77	640570	47.339	ng	98
65) 4,6-Dinitro-2-methylphenol	10.31	198	112327	47.699	ng	90
66) n-Nitrosodiphenylamine	10.36	169	567432	47.732	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	192355	43.272	ng	97
68) Hexachlorobenzene	10.79	284	206197	45.725	ng	99
69) Atrazine	10.89	200	174204	52.669	ng	99
70) Pentachlorophenol	10.99	266	176693	67.992	ng	96
71) Phenanthrene	11.20	178	949617	49.917	ng	98
72) Anthracene	11.26	178	994592	51.178	ng	97
73) Carbazole	11.42	167	903455	49.159	ng	97
74) Di-n-butylphthalate	11.75	149	1159924	48.010	ng	99
75) Fluoranthene	12.39	202	1150865	56.067	ng	98
77) Benzidine	12.52	184	743920	73.196	ng	99
78) Pyrene	12.62	202	1176745	46.426	ng	98
80) Butylbenzylphthalate	13.25	149	528519	42.972	ng	98
81) Benzo(a)anthracene	13.81	228	1004923	50.806	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	232377	31.486	ng	99
83) Chrysene	13.85	228	1039919	51.743	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	724937	43.526	ng	100
85) Di-n-octyl phthalate	14.43	149	1309721	46.184	ng	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	1171149	66.106	ng	99
88) Benzo(b)fluoranthene	14.83	252	1039342	45.137	ng	98
89) Benzo(k)fluoranthene	14.86	252	989896	49.825	ng	100
90) Benzo(a)pyrene	15.17	252	938651	48.483	ng	98
91) Dibenzo(a,h)anthracene	16.60	278	973820	56.785	ng	98
92) Benzo(g,h,i)perylene	16.99	276	975541	57.629	ng	96

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

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