Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121246.D
Acq On : 11 Aug 2020 18:20
Operator : JU/CG
Sample : L3607-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMS

Manual Integrations APPROVED
mohammad
8/12/2020 1:47:38 PM

Quant Time: Aug 12 10:55:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150092	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	590451	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	314054	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	621740	20.00	ng		0.00
76) Chrysene-d12	13.97	240	479609	20.00	ng		0.00
86) Perylene-d12	15.42	264	455195	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	918039	100.27	ng		0.00
7) Phenol-d6	6.44	99	1027772	86.90	ng		0.00
23) Nitrobenzene-d5	7.36	82	864498	84.72	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	402811	117.18	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1525684	72.53	ng		0.00
79) Terphenyl-d14	12.91	244	1657677	75.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	157458	37.368	ng		100
3) Pyridine	3.28	79	304933	27.204	ng		99
4) n-Nitrosodimethylamine	3.23	42	195720	40.833	ng		96
6) Aniline	6.46	93	451770	29.264	ng	#	78
8) 2-Chlorophenol	6.58	128	449915	44.608	ng		98
9) Benzaldehyde	6.35	77	331160	71.012	ng		99
10) Phenol	6.45	94	442945	34.048	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	437914	43.921	ng		99
12) 1,3-Dichlorobenzene	6.73	146	438353	40.081	ng		99
13) 1,4-Dichlorobenzene	6.81	146	447554	41.154	ng		99
14) 1,2-Dichlorobenzene	6.96	146	428600	41.659	ng		100
15) Benzyl Alcohol	6.95	79	368914	44.109	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	604723	42.080	ng		94
17) 2-Methylphenol	7.06	107	346554	38.766	ng		96
18) Hexachloroethane	7.30	117	163953	41.653	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	289094	42.988	ng		96
20) 3+4-Methylphenols	7.22	107	398308	35.026	ng	#	88
22) Acetophenone	7.21	105	588984	44.447	ng	#	96
24) Nitrobenzene	7.38	77	497601	45.244	ng		96
25) Isophorone	7.62	82	870823	42.760	ng		98
26) 2-Nitrophenol	7.70	139	250953	48.044	ng		100
27) 2,4-Dimethylphenol	7.74	122	374768	44.190	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	563688	45.344	ng		99
29) 2,4-Dichlorophenol	7.95	162	386645	44.616	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	402525	41.865	ng		99
31) Naphthalene	8.10	128	1241628	40.995	ng		99
32) Benzoic acid	7.87	122	112360m	17.649	ng		
33) 4-Chloroaniline	8.15	127	323875	23.971	ng		99
34) Hexachlorobutadiene	8.22	225	225639	39.810	ng		99
35) Caprolactam	8.55	113	95186	34.251	ng		93
36) 4-Chloro-3-methylphenol	8.65	107	406312	45.715	ng		100
37) 2-Methylnaphthalene	8.79	142	873150	44.400	ng		100
38) 1-Methylnaphthalene	8.89	142	816339	43.829	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	410715	44.886	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	309146	61.131	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	276985	42.993	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	296197	40.531	ng		97
46) 1,1'-Biphenyl	9.26	154	1067117	44.545	ng		100
47) 2-Chloronaphthalene	9.29	162	822177	42.095	ng		99
48) 2-Nitroaniline	9.38	65	164020	27.788	ng		96
49) Acenaphthylene	9.70	152	1306009	43.042	ng		100
50) Dimethylphthalate	9.56	163	1027116	45.333	ng		100
51) 2,6-Dinitrotoluene	9.63	165	232423	47.748	ng		97
52) Acenaphthene	9.87	154	765412	39.677	ng		99
53) 3-Nitroaniline	9.80	138	164610	26.963	ng		99
54) 2,4-Dinitrophenol	9.92	184	150491	55.957	ng		100
55) Dibenzofuran	10.05	168	1130931	40.540	ng		98
56) 4-Nitrophenol	9.97	139	280736	60.537	ng		95
57) 2,4-Dinitrotoluene	10.03	165	288203	45.086	ng	#	82
58) Fluorene	10.39	166	882300	42.406	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	259495	46.637	ng		98
60) Diethylphthalate	10.26	149	1015434	44.309	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	435073	39.205	ng		99
62) 4-Nitroaniline	10.41	138	145618	24.487	ng		95
63) Azobenzene	10.54	77	944719	43.301	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	133927	38.082	ng		95
66) n-Nitrosodiphenylamine	10.50	169	842134	43.057	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	297187	42.872	ng		97
68) Hexachlorobenzene	10.94	284	334881	44.660	ng		96
69) Atrazine	11.03	200	250733	51.763	ng		97
70) Pentachlorophenol	11.14	266	318393	74.118	ng		99
71) Phenanthrene	11.35	178	1361351	42.574	ng		100
72) Anthracene	11.40	178	1379249	42.955	ng		100
73) Carbazole	11.56	167	1335577	41.914	ng		100
74) Di-n-butylphthalate	11.89	149	1599186	43.489	ng		99
75) Fluoranthene	12.54	202	1547412	43.659	ng		98
77) Benzidine	12.66	184	207325	16.442	ng		99
78) Pyrene	12.77	202	1575651	46.468	ng		99
80) Butylbenzylphthalate	13.39	149	717519	47.468	ng		99
81) Benzo(a)anthracene	13.96	228	1350560	46.503	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	123872	11.305	ng		100
83) Chrysene	14.00	228	1345270	44.077	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	949885	50.960	ng		99
85) Di-n-octyl phthalate	14.55	149	1660358	44.773	ng		100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1327938	41.948	ng		100
88) Benzo(b)fluoranthene	15.00	252	1333188	48.453	ng		100
89) Benzo(k)fluoranthene	15.03	252	1181359	47.078	ng		99
90) Benzo(a)pyrene	15.36	252	1113095	44.340	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	1098149	42.467	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1139918	44.708	ng		99

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

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