Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118647.D
Acq On : 21 Jan 2020 22:13
Operator : CG/JU
Sample : L1004-12MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Manual Integrations APPROVED
mohammad
1/22/2020 1:36:26 PM

Quant Time: Jan 22 04:50:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	400151	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1463985	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	810386	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1505123	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1093575	20.00	ng	0.00
87) Perylene-d12	15.51	264	959291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2689871	124.85	ng	0.02
7) Phenol-d6	6.52	99	3375493	120.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	2425096	92.65	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1316749	140.48	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4238683	85.97	ng	0.00
79) Terphenyl-d14	12.99	244	4973846	99.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.86	88	431411	41.341	ng	97
3) Pyridine	3.56	79	787876	26.787	ng	98
4) n-Nitrosodimethylamine	3.49	42	513979	40.760	ng	85
6) Aniline	6.55	93	276976	7.511	ng	98
8) 2-Chlorophenol	6.67	128	1140299	47.153	ng	99
9) Benzaldehyde	6.43	77	644836	37.864	ng	98
10) Phenol	6.53	94	1248996	39.137	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	1096816	46.323	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1280242	45.230	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1285082	45.228	ng	99
14) 1,2-Dichlorobenzene	7.05	146	1219817	45.669	ng	99
15) Benzyl Alcohol	7.02	79	1052119	47.377	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1425295	43.217	ng	99
17) 2-Methylphenol	7.13	107	945006	46.913	ng	98
18) Hexachloroethane	7.40	117	451320	43.805	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	832449	44.025	ng	99
20) 3+4-Methylphenols	7.28	107	1122226	45.630	ng	95
22) Acetophenone	7.29	105	1514363	43.666	ng	96
24) Nitrobenzene	7.46	77	1237096	46.161	ng	99
25) Isophorone	7.70	82	2205570	46.200	ng	99
26) 2-Nitrophenol	7.77	139	612332	53.579	ng	99
27) 2,4-Dimethylphenol	7.81	122	1028723	52.127	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	1360905	44.242	ng	99
29) 2,4-Dichlorophenol	8.02	162	1032709	47.337	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1135024	44.871	ng	99
31) Naphthalene	8.19	128	3184595	48.154	ng	100
32) Benzoic acid	7.93	122	613310	41.409	ng	95
33) 4-Chloroaniline	8.22	127	122951	4.022	ng	99
34) Hexachlorobutadiene	8.30	225	660661	42.888	ng	99
35) Caprolactam	8.59	113	276851m	38.778	ng	
36) 4-Chloro-3-methylphenol	8.71	107	1023268	47.498	ng	99
37) 2-Methylnaphthalene	8.87	142	2270188	48.632	ng	100
38) 1-Methylnaphthalene	8.97	142	2132486	48.084	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1115969	44.011	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1215148	94.984	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	789735	46.935	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	831964	48.414	ng		99
46) 1,1'-Biphenyl	9.34	154	2665977	47.733	ng		99
47) 2-Chloronaphthalene	9.36	162	2170561	46.108	ng		99
48) 2-Nitroaniline	9.46	65	631552	43.642	ng		91
49) Acenaphthylene	9.78	152	3269938	49.375	ng		99
50) Dimethylphthalate	9.64	163	2672921	50.626	ng		100
51) 2,6-Dinitrotoluene	9.70	165	586410	49.600	ng		86
52) Acenaphthene	9.95	154	2269834	51.256	ng		99
53) 3-Nitroaniline	9.86	138	94589	7.007	ng		91
54) 2,4-Dinitrophenol	9.97	184	536244	113.611	ng	#	33
55) Dibenzofuran	10.13	168	2985801	48.653	ng		97
56) 4-Nitrophenol	10.03	139	973069	95.480	ng		89
57) 2,4-Dinitrotoluene	10.10	165	788446	52.900	ng		97
58) Fluorene	10.47	166	2300802	47.756	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	736531	48.729	ng		97
60) Diethylphthalate	10.34	149	2388470	46.658	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1218817	46.515	ng		99
62) 4-Nitroaniline	10.48	138	541980	39.138	ng		96
63) Azobenzene	10.62	77	2319868	46.793	ng		93
65) 4,6-Dinitro-2-methylphenol	10.51	198	391370	59.134	ng		93
66) n-Nitrosodiphenylamine	10.57	169	2163241	47.658	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	845573	45.473	ng		99
68) Hexachlorobenzene	11.02	284	931082	44.164	ng	#	93
69) Atrazine	11.10	200	765521	48.658	ng		98
70) Pentachlorophenol	11.21	266	1084336	92.510	ng		98
71) Phenanthrene	11.43	178	3449212	47.501	ng		99
72) Anthracene	11.48	178	3540916	49.282	ng		99
73) Carbazole	11.63	167	3179356	48.242	ng		99
74) Di-n-butylphthalate	11.96	149	3498540	47.780	ng		99
75) Fluoranthene	12.62	202	3690165	48.183	ng		99
77) Benzidine	12.73	184	56777	1.943	ng	#	94
78) Pyrene	12.84	202	3707910	49.942	ng		99
80) Butylbenzylphthalate	13.46	149	1611744	53.044	ng		97
81) Benzo(a)anthracene	14.03	228	3097703	47.089	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	374099	15.959	ng		98
83) Chrysene	14.07	228	2985673	47.356	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	2012583	54.215	ng		99
85) Di-n-octyl phthalate	14.63	149	3114506	56.681	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	3169216	57.851	ng		99
88) Benzo(b)fluoranthene	15.08	252	2652736	43.993	ng		99
89) Benzo(k)fluoranthene	15.11	252	2652565	47.483	ng		99
90) Benzo(a)pyrene	15.45	252	2408744	46.308	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	2605964	56.638	ng		98
92) Benzo(g,h,i)perylene	17.44	276	2725199	61.002	ng		99

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

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