Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119380.D
Acq On : 12 Mar 2020 14:20
Operator : CG/JU
Sample : L1755-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-031020MSD

Manual Integrations APPROVED
mohammad
3/16/2020 1:47:21 PM

Quant Time: Mar 13 01:05:52 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	120055	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	453415	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	255455	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	464916	20.00	ng		0.00
76) Chrysene-d12	13.90	240	317260	20.00	ng		0.01
87) Perylene-d12	15.33	264	274084	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	860433	119.77	ng		0.02
7) Phenol-d6	6.39	99	958200	109.67	ng		0.00
23) Nitrobenzene-d5	7.29	82	742522	86.47	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	400543	119.86	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1428256	82.37	ng		0.00
79) Terphenyl-d14	12.83	244	1789380	97.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	112777	35.259	ng	#	87
3) Pyridine	3.35	79	165651m	18.964	ng		
4) n-Nitrosodimethylamine	3.22	42	119170	45.035	ng		92
6) Aniline	6.40	93	96175	8.921	ng	#	7
8) 2-Chlorophenol	6.52	128	356741	46.015	ng		100
9) Benzaldehyde	6.29	77	134283	23.004	ng		98
10) Phenol	6.40	94	391111	41.404	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	343871	47.577	ng		98
12) 1,3-Dichlorobenzene	6.66	146	393527	42.350	ng		97
13) 1,4-Dichlorobenzene	6.74	146	403954	43.443	ng		99
14) 1,2-Dichlorobenzene	6.89	146	368364	43.438	ng		98
15) Benzyl Alcohol	6.89	79	303916	48.130	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	260806	41.656	ng	#	48
17) 2-Methylphenol	7.00	107	280272	44.590	ng		93
18) Hexachloroethane	7.23	117	143276	43.068	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	250502	49.205	ng		98
20) 3+4-Methylphenols	7.16	107	376651	48.911	ng	#	86
22) Acetophenone	7.14	105	495321	47.215	ng	#	95
24) Nitrobenzene	7.31	77	379777	44.721	ng		96
25) Isophorone	7.55	82	684229	45.879	ng		97
26) 2-Nitrophenol	7.63	139	201012	44.674	ng		97
27) 2,4-Dimethylphenol	7.68	122	308596	50.534	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	406802	41.907	ng		99
29) 2,4-Dichlorophenol	7.89	162	317428	44.155	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	344234	40.386	ng		97
31) Naphthalene	8.03	128	1042749	44.344	ng		98
32) Benzoic acid	7.86	122	171972	39.904	ng		98
33) 4-Chloroaniline	8.11	127	93742	9.269	ng		98
34) Hexachlorobutadiene	8.14	225	214252	40.354	ng		98
35) Caprolactam	8.47	113	71502m	32.301	ng		
36) 4-Chloro-3-methylphenol	8.59	107	339635	46.682	ng		99
37) 2-Methylnaphthalene	8.72	142	710310	44.886	ng		99
38) 1-Methylnaphthalene	8.82	142	681727	45.807	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	356170	41.353	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	138428	48.364	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	222050	40.826	ng		100
44) 2,4,5-Trichlorophenol	9.07	196	219003	38.372	ng		95
46) 1,1'-Biphenyl	9.18	154	871745	42.223	ng		98
47) 2-Chloronaphthalene	9.21	162	698485	41.982	ng		98
48) 2-Nitroaniline	9.32	65	205778	44.344	ng		98
49) Acenaphthylene	9.62	152	1039373	43.254	ng		99
50) Dimethylphthalate	9.49	163	860005	44.026	ng		100
51) 2,6-Dinitrotoluene	9.56	165	188215	43.368	ng	#	72
52) Acenaphthene	9.79	154	626918	43.267	ng		99
53) 3-Nitroaniline	9.74	138	72933	15.159	ng		94
54) 2,4-Dinitrophenol	9.86	184	163587	77.784	ng		92
55) Dibenzofuran	9.97	168	939806	43.455	ng		100
56) 4-Nitrophenol	9.93	139	75404m	26.085	ng		
57) 2,4-Dinitrotoluene	9.97	165	242769	43.156	ng		98
58) Fluorene	10.31	166	764620	45.499	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	208515	43.297	ng		96
60) Diethylphthalate	10.19	149	810481	44.027	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	394280	44.324	ng		99
62) 4-Nitroaniline	10.36	138	157679	32.032	ng		92
63) Azobenzene	10.46	77	738500	46.153	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	132118	46.962	ng		98
66) n-Nitrosodiphenylamine	10.42	169	679785	44.655	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	257233	42.329	ng		97
68) Hexachlorobenzene	10.87	284	293049	41.825	ng		98
69) Atrazine	10.96	200	200269	37.653	ng		97
70) Pentachlorophenol	11.07	266	196008	69.447	ng		97
71) Phenanthrene	11.27	178	1112985	43.897	ng		99
72) Anthracene	11.33	178	1173828	46.336	ng		99
73) Carbazole	11.49	167	1020200	45.204	ng		98
74) Di-n-butylphthalate	11.80	149	1238771	45.325	ng		99
75) Fluoranthene	12.47	202	1195914	44.437	ng		98
77) Benzidine	12.59	184	153448	11.893	ng		98
78) Pyrene	12.69	202	1179625	46.304	ng		99
80) Butylbenzylphthalate	13.30	149	482127	44.966	ng		99
81) Benzo(a)anthracene	13.89	228	973793	45.048	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	178167	21.226	ng		98
83) Chrysene	13.92	228	948880	44.053	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	632275	46.677	ng		99
85) Di-n-octyl phthalate	14.47	149	924075	42.816	ng		99
86) Indeno(1,2,3-cd)pyrene	16.76	276	809344	38.806	ng		100
88) Benzo(b)fluoranthene	14.92	252	781184	43.240	ng		100
89) Benzo(k)fluoranthene	14.95	252	823228	49.171	ng		99
90) Benzo(a)pyrene	15.27	252	705891	43.293	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	668595	46.603	ng		99
92) Benzo(g,h,i)perylene	17.18	276	683667	48.230	ng		100

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

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