Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118894.D
Acq On : 11 Feb 2020 20:05
Operator : CG/JU
Sample : L1484-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3MSD

Manual Integrations APPROVED
mohammad
2/12/2020 3:51:02 PM

Quant Time: Feb 12 07:33:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	280560	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	847605	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	489906	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	935052	20.00	ng		0.00
76) Chrysene-d12	13.97	240	749196	20.00	ng		0.00
87) Perylene-d12	15.42	264	784207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1698239	114.58	ng		0.00
7) Phenol-d6	6.45	99	2164447	117.64	ng		0.00
23) Nitrobenzene-d5	7.37	82	1398774	98.36	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	680857	116.15	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2153989	78.60	ng		-0.01
79) Terphenyl-d14	12.92	244	3195518	87.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	257002	38.048	ng		99
3) Pyridine	3.30	79	670094	35.727	ng		100
4) n-Nitrosodimethylamine	3.23	42	303651	44.466	ng		97
6) Aniline	6.47	93	674127	28.448	ng	#	29
8) 2-Chlorophenol	6.60	128	809486	49.034	ng		98
9) Benzaldehyde	6.35	77	358382	31.368	ng		99
10) Phenol	6.46	94	925088	45.219	ng		80
11) bis(2-Chloroethyl)ether	6.54	93	753757	48.159	ng		99
12) 1,3-Dichlorobenzene	6.75	146	845661	43.035	ng		99
13) 1,4-Dichlorobenzene	6.82	146	861897	43.972	ng		99
14) 1,2-Dichlorobenzene	6.98	146	800099	42.731	ng		99
15) Benzyl Alcohol	6.95	79	663185	46.633	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	861765	44.961	ng		94
17) 2-Methylphenol	7.07	107	648925	47.280	ng		98
18) Hexachloroethane	7.32	117	287076	40.807	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	503679	44.742	ng		97
20) 3+4-Methylphenols	7.22	107	767404	44.607	ng		91
22) Acetophenone	7.22	105	997762	54.181	ng		97
24) Nitrobenzene	7.39	77	778620	54.809	ng		99
25) Isophorone	7.63	82	1113396	43.565	ng		98
26) 2-Nitrophenol	7.70	139	345035	45.580	ng		98
27) 2,4-Dimethylphenol	7.75	122	530166	51.558	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	691152	41.705	ng		99
29) 2,4-Dichlorophenol	7.95	162	548707	44.557	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	601202	41.767	ng		99
31) Naphthalene	8.11	128	1740212	44.890	ng		100
32) Benzoic acid	7.89	122	371310	43.613	ng		99
33) 4-Chloroaniline	8.16	127	268443	15.478	ng		98
34) Hexachlorobutadiene	8.23	225	359280	40.741	ng		99
35) Caprolactam	8.53	113	187363m	46.933	ng		
36) 4-Chloro-3-methylphenol	8.66	107	572100	46.163	ng		98
37) 2-Methylnaphthalene	8.80	142	1220836	45.408	ng		98
38) 1-Methylnaphthalene	8.90	142	1135101	44.880	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	609799	41.243	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	283479	48.895	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	430185	43.509	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	448997	44.444	ng	99
46) 1,1'-Biphenyl	9.27	154	1460421	43.094	ng	99
47) 2-Chloronaphthalene	9.29	162	1177978	41.812	ng	100
48) 2-Nitroaniline	9.39	65	337613	41.549	ng	92
49) Acenaphthylene	9.71	152	1827204	44.919	ng	100
50) Dimethylphthalate	9.57	163	1575977	47.244	ng	99
51) 2,6-Dinitrotoluene	9.63	165	335288	43.928	ng	92
52) Acenaphthene	9.88	154	1100139	41.042	ng	99
53) 3-Nitroaniline	9.80	138	186169	21.993	ng	99
54) 2,4-Dinitrophenol	9.91	184	185094	50.444	ng	93
55) Dibenzofuran	10.05	168	1683285	43.453	ng	98
56) 4-Nitrophenol	9.98	139	520739	85.000	ng	96
57) 2,4-Dinitrotoluene	10.04	165	452514	44.799	ng	93
58) Fluorene	10.40	166	1285046	44.094	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	388506	44.034	ng	99
60) Diethylphthalate	10.27	149	1433706	44.200	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	673255	42.598	ng	98
62) 4-Nitroaniline	10.42	138	298399	35.202	ng	97
63) Azobenzene	10.55	77	1221587	44.113	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	160054	30.462	ng	86
66) n-Nitrosodiphenylamine	10.50	169	1185685	43.777	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	466846	42.205	ng	99
68) Hexachlorobenzene	10.95	284	523434	41.257	ng	94
69) Atrazine	11.03	200	439354	48.690	ng	100
70) Pentachlorophenol	11.15	266	526435	78.583	ng	99
71) Phenanthrene	11.36	178	2209047	48.017	ng	100
72) Anthracene	11.41	178	2055166	44.904	ng	99
73) Carbazole	11.56	167	1768585	44.032	ng	100
74) Di-n-butylphthalate	11.89	149	2224340	43.472	ng	100
75) Fluoranthene	12.55	202	2342079	46.627	ng	99
77) Benzidine	12.66	184	772483	34.090	ng	98
78) Pyrene	12.77	202	2238596	43.555	ng	100
80) Butylbenzylphthalate	13.39	149	1137142	48.474	ng	94
81) Benzo(a)anthracene	13.96	228	2028417	45.499	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	569930	31.257	ng	99
83) Chrysene	14.00	228	2018681	45.116	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1562768	52.507	ng	100
85) Di-n-octyl phthalate	14.56	149	2295584	45.022	ng	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	2227959	49.559	ng	99
88) Benzo(b)fluoranthene	15.00	252	2224693	45.718	ng	99
89) Benzo(k)fluoranthene	15.03	252	1693099	39.956	ng	98
90) Benzo(a)pyrene	15.36	252	1877829	45.091	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1833346	49.591	ng	100
92) Benzo(g,h,i)perylene	17.31	276	1791702	50.394	ng	98

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

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