Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118604.D
Acq On : 20 Jan 2020 21:19
Operator : CG/JU
Sample : L1154-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-15-20MS

Manual Integrations APPROVED
mohammad
1/21/2020 2:26:15 PM

Quant Time: Jan 21 02:56:12 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	484772	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1852297	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	1034792	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1734486	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1004982	20.00	ng		0.00
87) Perylene-d12	15.51	264	1059611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2371977	90.87	ng		0.01
7) Phenol-d6	6.51	99	3255591	95.96	ng		0.00
23) Nitrobenzene-d5	7.44	82	2003523	60.50	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	1065263	89.00	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	3821142	60.69	ng		0.00
79) Terphenyl-d14	12.99	244	3762306	81.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	561991	44.453	ng		99
3) Pyridine	3.52	79	1422704	39.927	ng		100
4) n-Nitrosodimethylamine	3.46	42	727866	47.646	ng		94
6) Aniline	6.55	93	737880	16.518	ng		97
8) 2-Chlorophenol	6.67	128	1515552	51.730	ng		99
9) Benzaldehyde	6.43	77	823079	39.893	ng		97
10) Phenol	6.52	94	1925219	49.796	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	1421853	49.568	ng		99
12) 1,3-Dichlorobenzene	6.82	146	1642320	47.894	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1655985	48.108	ng		98
14) 1,2-Dichlorobenzene	7.05	146	1583742	48.943	ng		99
15) Benzyl Alcohol	7.02	79	1374506	51.090	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1919188	48.034	ng		99
17) 2-Methylphenol	7.13	107	1268334	51.973	ng		99
18) Hexachloroethane	7.40	117	602113	48.239	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	1135058	49.550	ng		97
20) 3+4-Methylphenols	7.28	107	1522784	51.109	ng		92
22) Acetophenone	7.29	105	1988000	45.306	ng	#	93
24) Nitrobenzene	7.46	77	1638014	48.307	ng		99
25) Isophorone	7.70	82	2975562	49.263	ng		98
26) 2-Nitrophenol	7.77	139	805861	55.731	ng		96
27) 2,4-Dimethylphenol	7.82	122	1435599	57.494	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	1844698	47.398	ng		99
29) 2,4-Dichlorophenol	8.02	162	1385340	50.189	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	1499640	46.857	ng		99
31) Naphthalene	8.19	128	4111809	49.140	ng		98
32) Benzoic acid	7.93	122	869161	46.381	ng		98
33) 4-Chloroaniline	8.22	127	225384	5.828	ng		98
34) Hexachlorobutadiene	8.31	225	890371	45.683	ng		99
35) Caprolactam	8.60	113	419465m	46.437	ng		
36) 4-Chloro-3-methylphenol	8.71	107	1365111	50.082	ng		98
37) 2-Methylnaphthalene	8.88	142	3002686	50.839	ng		100
38) 1-Methylnaphthalene	8.98	142	2830847	50.450	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1494134	46.147	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1783716	109.191	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	1064270	49.534	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	1072985	48.899	ng		98
46) 1,1'-Biphenyl	9.35	154	3473994	48.712	ng		99
47) 2-Chloronaphthalene	9.37	162	2852955	47.461	ng		99
48) 2-Nitroaniline	9.46	65	838276	45.365	ng		99
49) Acenaphthylene	9.79	152	4194469	49.600	ng		99
50) Dimethylphthalate	9.65	163	3422356	50.763	ng		99
51) 2,6-Dinitrotoluene	9.70	165	765753	50.723	ng		96
52) Acenaphthene	9.96	154	2819121	49.855	ng		99
53) 3-Nitroaniline	9.86	138	204468	11.861	ng		96
54) 2,4-Dinitrophenol	9.97	184	503289	83.505	ng	#	34
55) Dibenzofuran	10.13	168	3809270	48.610	ng		98
56) 4-Nitrophenol	10.03	139	1188106	91.298	ng		97
57) 2,4-Dinitrotoluene	10.10	165	980144	51.501	ng		94
58) Fluorene	10.47	166	2892935	47.025	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	921131	47.726	ng		100
60) Diethylphthalate	10.35	149	3100090	47.426	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	1597475	47.745	ng		99
62) 4-Nitroaniline	10.49	138	655590	37.076	ng		95
63) Azobenzene	10.62	77	3021547	47.730	ng		95
65) 4,6-Dinitro-2-methylphenol	10.51	198	397759	52.152	ng		98
66) n-Nitrosodiphenylamine	10.58	169	2692320	51.471	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	1097771	51.229	ng	#	94
68) Hexachlorobenzene	11.02	284	1171941	48.238	ng		98
69) Atrazine	11.11	200	966185	53.292	ng		98
70) Pentachlorophenol	11.21	266	1220625	90.366	ng		98
71) Phenanthrene	11.43	178	3968925	47.430	ng		98
72) Anthracene	11.49	178	4099674	49.513	ng		98
73) Carbazole	11.63	167	3475638	45.764	ng		98
74) Di-n-butylphthalate	11.97	149	4204899	49.833	ng		97
75) Fluoranthene	12.62	202	3895036	44.133	ng		98
77) Benzidine	12.73	184	1124861	41.891	ng		98
78) Pyrene	12.84	202	3909388	57.298	ng		99
80) Butylbenzylphthalate	13.46	149	1659016	59.413	ng		97
81) Benzo(a)anthracene	14.03	228	2971937	49.160	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	356176	16.534	ng		96
83) Chrysene	14.07	228	2825315	48.763	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2124213	62.266	ng		100
85) Di-n-octyl phthalate	14.64	149	3123086	61.848	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	3598104	71.470	ng		99
88) Benzo(b)fluoranthene	15.08	252	3004336	45.107	ng		99
89) Benzo(k)fluoranthene	15.12	252	2680022	43.432	ng		99
90) Benzo(a)pyrene	15.45	252	2674722	46.553	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	2992437	58.880	ng		99
92) Benzo(g,h,i)perylene	17.44	276	3026736	61.337	ng		99

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

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