Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118620.D
Acq On : 21 Jan 2020 6:12
Operator : CG/JU
Sample : PB126132BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126132BS

Manual Integrations APPROVED
mohammad
1/21/2020 2:26:36 PM

Quant Time: Jan 21 06:54:00 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	6.89	152	458661	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1609695	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	787478	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1237408	20.00	ng		0.00
76) Chrysene-d12	14.05	240	862009	20.00	ng		0.00
87) Perylene-d12	15.52	264	763420	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1858695	75.26	ng		0.01
7) Phenol-d6	6.51	99	2519763	78.50	ng		0.00
23) Nitrobenzene-d5	7.45	82	1572059	54.63	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	602237	66.12	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2925100	61.05	ng		0.00
79) Terphenyl-d14	12.99	244	2794633	70.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	471348	39.406	ng		98
3) Pyridine	3.50	79	1207481	35.816	ng		99
4) n-Nitrosodimethylamine	3.44	42	647434	44.794	ng		92
6) Aniline	6.55	93	1119493	26.487	ng		98
8) 2-Chlorophenol	6.67	128	1352260	48.784	ng		98
9) Benzaldehyde	6.43	77	739459	37.881	ng		99
10) Phenol	6.53	94	1644242	44.950	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	1293459	47.659	ng		99
12) 1,3-Dichlorobenzene	6.83	146	1465204	45.161	ng		99
13) 1,4-Dichlorobenzene	6.90	146	1480729	45.466	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1404587	45.878	ng		100
15) Benzyl Alcohol	7.02	79	1159871	45.567	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1699683	44.962	ng		99
17) 2-Methylphenol	7.13	107	1095195	47.433	ng		99
18) Hexachloroethane	7.40	117	460712	39.012	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	983069	45.358	ng		98
20) 3+4-Methylphenols	7.29	107	1303805	46.251	ng		95
22) Acetophenone	7.29	105	1721018	45.133	ng	#	96
24) Nitrobenzene	7.46	77	1403079	47.615	ng		97
25) Isophorone	7.70	82	2549278	48.566	ng		100
26) 2-Nitrophenol	7.78	139	591882	47.102	ng		100
27) 2,4-Dimethylphenol	7.82	122	1213619	55.929	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	1605098	47.457	ng		99
29) 2,4-Dichlorophenol	8.02	162	1124874	46.894	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	1265675	45.507	ng		99
31) Naphthalene	8.19	128	3437908	47.279	ng		99
32) Benzoic acid	7.93	122	634066m	38.935	ng		
33) 4-Chloroaniline	8.23	127	420012	12.497	ng		97
34) Hexachlorobutadiene	8.31	225	776614	45.852	ng		99
35) Caprolactam	8.61	113	345052	43.956	ng		99
36) 4-Chloro-3-methylphenol	8.72	107	1091896	46.096	ng		100
37) 2-Methylnaphthalene	8.88	142	2414905	47.050	ng		100
38) 1-Methylnaphthalene	8.98	142	2265624	46.462	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1242363	50.421	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	483745	38.913	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	808873	49.471	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	818521	49.017	ng		98
46) 1,1'-Biphenyl	9.35	154	2781394	51.248	ng		100
47) 2-Chloronaphthalene	9.37	162	2193116	47.942	ng		100
48) 2-Nitroaniline	9.46	65	691372	49.166	ng		99
49) Acenaphthylene	9.79	152	3200232	49.728	ng		99
50) Dimethylphthalate	9.65	163	2763899	53.872	ng		100
51) 2,6-Dinitrotoluene	9.70	165	544067	47.357	ng	#	85
52) Acenaphthene	9.96	154	1988445	46.208	ng		100
53) 3-Nitroaniline	9.87	138	476707	36.338	ng		98
54) 2,4-Dinitrophenol	9.97	184	110630	24.120	ng	#	6
55) Dibenzofuran	10.13	168	2890180	48.465	ng		98
56) 4-Nitrophenol	10.03	139	863549	87.199	ng		94
57) 2,4-Dinitrotoluene	10.10	165	654176	45.168	ng		96
58) Fluorene	10.47	166	2180357	46.573	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	660727	44.986	ng		99
60) Diethylphthalate	10.35	149	2561155	51.487	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1221328	47.966	ng		98
62) 4-Nitroaniline	10.48	138	535387	39.787	ng		96
63) Azobenzene	10.62	77	2262422	46.962	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	97616	17.940	ng		99
66) n-Nitrosodiphenylamine	10.58	169	2044475	54.786	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	786610	51.454	ng		98
68) Hexachlorobenzene	11.03	284	826190	47.668	ng		92
69) Atrazine	11.11	200	729690	56.415	ng		98
70) Pentachlorophenol	11.22	266	855679	88.796	ng		99
71) Phenanthrene	11.43	178	2931895	49.112	ng		98
72) Anthracene	11.49	178	2993669	50.680	ng		99
73) Carbazole	11.64	167	2627200	48.489	ng		98
74) Di-n-butylphthalate	11.97	149	3385459	56.239	ng		99
75) Fluoranthene	12.62	202	2931804	46.563	ng		99
77) Benzidine	12.74	184	2270538	98.581	ng		100
78) Pyrene	12.85	202	2985490	51.014	ng		97
80) Butylbenzylphthalate	13.47	149	1359838	56.776	ng		98
81) Benzo(a)anthracene	14.04	228	2594766	50.039	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	1061952	57.473	ng		99
83) Chrysene	14.07	228	2445068	49.199	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1877675	64.168	ng	#	98
85) Di-n-octyl phthalate	14.64	149	2959482	68.328	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	2100195	48.636	ng		100
88) Benzo(b)fluoranthene	15.09	252	2322097	48.391	ng		99
89) Benzo(k)fluoranthene	15.12	252	2154131	48.454	ng		99
90) Benzo(a)pyrene	15.46	252	1944974	46.986	ng		98
91) Dibenzo(a,h)anthracene	17.02	278	1804534	49.283	ng		99
92) Benzo(g,h,i)perylene	17.45	276	1675035	47.115	ng		100

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

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