Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121025.D
Acq On : 27 Jul 2020 11:21
Operator : JU/CG
Sample : PB130443BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Manual Integrations APPROVED
mohammad
7/28/2020 11:43:10 AM

Quant Time: Jul 27 12:31:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161834	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	614352	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	311497	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	576846	20.00	ng		0.00
76) Chrysene-d12	13.97	240	419214	20.00	ng		0.00
86) Perylene-d12	15.42	264	409982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1086686	110.08	ng		0.02
7) Phenol-d6	6.45	99	1331823	104.44	ng		0.00
23) Nitrobenzene-d5	7.38	82	844285	79.52	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	384285	112.71	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1526981	73.19	ng		0.00
79) Terphenyl-d14	12.92	244	1476057	76.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	164458	36.198	ng		98
3) Pyridine	3.36	79	385844	31.925	ng		98
4) n-Nitrosodimethylamine	3.30	42	197479	38.211	ng		96
6) Aniline	6.47	93	506999	30.459	ng		97
8) 2-Chlorophenol	6.60	128	452758	41.633	ng		99
9) Benzaldehyde	6.36	77	310247	55.635	ng		99
10) Phenol	6.46	94	522815	37.271	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	422343	39.286	ng		100
12) 1,3-Dichlorobenzene	6.76	146	462008	39.178	ng		99
13) 1,4-Dichlorobenzene	6.83	146	463866	39.559	ng		99
14) 1,2-Dichlorobenzene	6.99	146	450780	40.636	ng		99
15) Benzyl Alcohol	6.96	79	346270	38.398	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	589234	38.027	ng		98
17) 2-Methylphenol	7.07	107	353723	36.697	ng		99
18) Hexachloroethane	7.33	117	174228	41.052	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	269888	37.220	ng		99
20) 3+4-Methylphenols	7.22	107	389746	31.786	ng	#	85
22) Acetophenone	7.23	105	547367	39.699	ng		96
24) Nitrobenzene	7.40	77	442644	38.681	ng		99
25) Isophorone	7.64	82	806124	38.043	ng		99
26) 2-Nitrophenol	7.72	139	235746	43.377	ng		99
27) 2,4-Dimethylphenol	7.75	122	375052	42.503	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	516441	39.927	ng		99
29) 2,4-Dichlorophenol	7.96	162	361488	40.090	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	396996	39.684	ng		99
31) Naphthalene	8.12	128	1225501	38.888	ng		100
32) Benzoic acid	7.88	122	258563	39.035	ng		94
33) 4-Chloroaniline	8.17	127	292868	20.833	ng		99
34) Hexachlorobutadiene	8.24	225	229634	38.938	ng		99
35) Caprolactam	8.55	113	108077	37.377	ng		97
36) 4-Chloro-3-methylphenol	8.66	107	369887	39.998	ng		96
37) 2-Methylnaphthalene	8.81	142	826455	40.390	ng		99
38) 1-Methylnaphthalene	8.91	142	770654	39.767	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	368294	40.580	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	425526	84.835	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	263653	41.260	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	270901	37.373	ng		98
46) 1,1'-Biphenyl	9.27	154	997737	41.991	ng		99
47) 2-Chloronaphthalene	9.30	162	769486	39.721	ng		99
48) 2-Nitroaniline	9.40	65	227604	38.877	ng		89
49) Acenaphthylene	9.72	152	1218482	40.487	ng		100
50) Dimethylphthalate	9.57	163	877517	39.048	ng		99
51) 2,6-Dinitrotoluene	9.64	165	198869	41.191	ng	#	86
52) Acenaphthene	9.89	154	803947m	42.017	ng		
53) 3-Nitroaniline	9.80	138	137097	22.641	ng		98
54) 2,4-Dinitrophenol	9.92	184	183380	67.184	ng	#	84
55) Dibenzofuran	10.06	168	1072806	38.772	ng		99
56) 4-Nitrophenol	9.97	139	328951	71.516	ng		99
57) 2,4-Dinitrotoluene	10.04	165	265511	41.877	ng		94
58) Fluorene	10.40	166	777194	37.661	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	236090	42.779	ng		97
60) Diethylphthalate	10.27	149	877103	38.587	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	392380	35.648	ng		98
62) 4-Nitroaniline	10.42	138	211896	35.924	ng		95
63) Azobenzene	10.55	77	824471	38.100	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	123735	37.938	ng		92
66) n-Nitrosodiphenylamine	10.51	169	741505	40.862	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	256545	39.890	ng		98
68) Hexachlorobenzene	10.95	284	287071	41.263	ng	#	89
69) Atrazine	11.04	200	208133	46.313	ng		98
70) Pentachlorophenol	11.14	266	323392	81.140	ng		99
71) Phenanthrene	11.36	178	1155666	38.954	ng		99
72) Anthracene	11.42	178	1223093	41.057	ng		99
73) Carbazole	11.57	167	1133499	38.340	ng		100
74) Di-n-butylphthalate	11.90	149	1346945	39.480	ng		100
75) Fluoranthene	12.55	202	1279733	38.917	ng		97
77) Benzidine	12.67	184	534467	48.491	ng		99
78) Pyrene	12.77	202	1289378	43.503	ng		100
80) Butylbenzylphthalate	13.40	149	559511	42.347	ng		96
81) Benzo(a)anthracene	13.96	228	1030353	40.588	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	325369	33.973	ng		99
83) Chrysene	14.00	228	1094364	41.022	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	716465	43.975	ng		99
85) Di-n-octyl phthalate	14.57	149	1318473	40.676	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1112626	39.022	ng		99
88) Benzo(b)fluoranthene	15.00	252	1014725	40.946	ng		99
89) Benzo(k)fluoranthene	15.03	252	1052211	46.556	ng		99
90) Benzo(a)pyrene	15.36	252	943472	41.728	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	941099	40.407	ng		99
92) Benzo(g,h,i)perylene	17.29	276	909407	39.601	ng		98

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

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