Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120979.D
Acq On : 23 Jul 2020 13:37
Operator : JU/CG
Sample : PB130373BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130373BSD

Manual Integrations APPROVED
Sohil
7/24/2020 12:12:13 PM

Quant Time: Jul 23 16:30:18 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	196418	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	762183	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	408223	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	762504	20.00	ng		0.00
76) Chrysene-d12	13.97	240	554730	20.00	ng		0.00
86) Perylene-d12	15.42	264	537644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1391813	116.16	ng		0.02
7) Phenol-d6	6.45	99	1724707	111.44	ng		0.00
23) Nitrobenzene-d5	7.38	82	1143318	86.80	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	527064	117.95	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2002094	73.22	ng		0.00
79) Terphenyl-d14	12.92	244	2127987	83.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	208886	37.881	ng		100
3) Pyridine	3.36	79	580338	39.563	ng		99
4) n-Nitrosodimethylamine	3.32	42	267855	42.703	ng		96
6) Aniline	6.48	93	735907	36.426	ng		98
8) 2-Chlorophenol	6.60	128	600024	45.459	ng		99
9) Benzaldehyde	6.36	77	242914	30.307	ng		99
10) Phenol	6.47	94	679192	39.894	ng		80
11) bis(2-Chloroethyl)ether	6.55	93	558001	42.766	ng		99
12) 1,3-Dichlorobenzene	6.76	146	593279	41.452	ng		98
13) 1,4-Dichlorobenzene	6.83	146	591792	41.582	ng		98
14) 1,2-Dichlorobenzene	6.99	146	530029	39.367	ng		99
15) Benzyl Alcohol	6.96	79	418642	38.249	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	783916	41.683	ng		98
17) 2-Methylphenol	7.07	107	467920	39.997	ng		98
18) Hexachloroethane	7.33	117	228306	44.322	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	363481	41.301	ng		98
20) 3+4-Methylphenols	7.22	107	500602	33.638	ng		93
22) Acetophenone	7.23	105	692170	40.464	ng	#	93
24) Nitrobenzene	7.40	77	590129	41.567	ng		100
25) Isophorone	7.64	82	1109104	42.189	ng		99
26) 2-Nitrophenol	7.72	139	322686	47.858	ng		98
27) 2,4-Dimethylphenol	7.75	122	497677	45.461	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	711802	44.357	ng		100
29) 2,4-Dichlorophenol	7.96	162	495649	44.307	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	526371	42.411	ng		98
31) Naphthalene	8.12	128	1620814	41.457	ng		99
32) Benzoic acid	7.89	122	393321	47.862	ng		98
33) 4-Chloroaniline	8.17	127	603082	34.579	ng		99
34) Hexachlorobutadiene	8.24	225	304877	41.670	ng		99
35) Caprolactam	8.55	113	158903m	44.295	ng		
36) 4-Chloro-3-methylphenol	8.66	107	514719	44.864	ng		96
37) 2-Methylnaphthalene	8.81	142	1109902	43.722	ng		99
38) 1-Methylnaphthalene	8.91	142	1046556	43.529	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	466105	39.189	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	517633	78.745	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	366497	43.764	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	388180	40.864	ng		99
46) 1,1'-Biphenyl	9.27	154	1276666	40.999	ng		99
47) 2-Chloronaphthalene	9.30	162	1019840	40.170	ng		100
48) 2-Nitroaniline	9.40	65	328920	42.871	ng		92
49) Acenaphthylene	9.72	152	1609870	40.817	ng		99
50) Dimethylphthalate	9.58	163	1264775	42.945	ng		99
51) 2,6-Dinitrotoluene	9.64	165	284144	44.908	ng		93
52) Acenaphthene	9.89	154	1128009m	44.985	ng		
53) 3-Nitroaniline	9.81	138	270185	34.048	ng		98
54) 2,4-Dinitrophenol	9.92	184	310654	84.846	ng		89
55) Dibenzofuran	10.06	168	1443850	39.818	ng		99
56) 4-Nitrophenol	9.97	139	495916	82.269	ng		99
57) 2,4-Dinitrotoluene	10.05	165	377895	45.480	ng		98
58) Fluorene	10.40	166	1017207	37.612	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	336695	46.552	ng		96
60) Diethylphthalate	10.28	149	1279326	42.947	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	508058	35.221	ng		99
62) 4-Nitroaniline	10.43	138	313229	40.522	ng		98
63) Azobenzene	10.56	77	1171955	41.325	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	204633	46.500	ng		96
66) n-Nitrosodiphenylamine	10.52	169	1038078	43.277	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	360968	42.460	ng		98
68) Hexachlorobenzene	10.95	284	398459	43.329	ng		97
69) Atrazine	11.05	200	300057	50.510	ng		98
70) Pentachlorophenol	11.15	266	445347	84.532	ng		99
71) Phenanthrene	11.36	178	1584575	40.407	ng		99
72) Anthracene	11.42	178	1625364	41.276	ng		99
73) Carbazole	11.57	167	1556750	39.836	ng		99
74) Di-n-butylphthalate	11.90	149	1912049	42.398	ng		99
75) Fluoranthene	12.55	202	1747504	40.202	ng		98
77) Benzidine	12.67	184	864066	59.244	ng		99
78) Pyrene	12.78	202	1761222	44.907	ng		99
80) Butylbenzylphthalate	13.40	149	814998	46.615	ng		98
81) Benzo(a)anthracene	13.97	228	1327298	39.513	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	543001	42.846	ng		99
83) Chrysene	14.00	228	1483003	42.010	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	951220	44.121	ng	#	100
85) Di-n-octyl phthalate	14.57	149	1870154	43.601	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1454879	38.910	ng		99
88) Benzo(b)fluoranthene	15.00	252	1518607	46.728	ng		100
89) Benzo(k)fluoranthene	15.03	252	1384071	46.698	ng		100
90) Benzo(a)pyrene	15.36	252	1293766	43.634	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	1228644	40.227	ng		97
92) Benzo(g,h,i)perylene	17.28	276	1124538	37.341	ng		98

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

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