Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114558.D
Acq On : 24 May 2019 9:50
Operator : JU/SJ
Sample : PB119776BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:47:54 AM

Quant Time: May 24 11:52:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144902	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	566895	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	280331	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	580349	20.00	ng		0.00
76) Chrysene-d12	13.99	240	411057	20.00	ng		0.00
87) Perylene-d12	15.45	264	397981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1156769	128.47	ng		0.01
7) Phenol-d6	6.47	99	1478030	138.79	ng		0.00
23) Nitrobenzene-d5	7.38	82	908040	89.89	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	386380	133.32	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1669920	90.11	ng		0.00
79) Terphenyl-d14	12.92	244	1849442	92.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	207896	42.006	ng		99
3) Pyridine	3.41	79	442931	32.482	ng		97
4) n-Nitrosodimethylamine	3.35	42	229553	34.909	ng		96
6) Aniline	6.48	93	415704	27.023	ng	#	28
8) 2-Chlorophenol	6.61	128	426992	44.420	ng		92
9) Benzaldehyde	6.37	77	211079	28.312	ng		98
10) Phenol	6.48	94	517918	41.341	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	407211	42.815	ng		96
12) 1,3-Dichlorobenzene	6.76	146	449727	41.679	ng		98
13) 1,4-Dichlorobenzene	6.83	146	452914	41.655	ng		98
14) 1,2-Dichlorobenzene	6.99	146	420547	42.336	ng		99
15) Benzyl Alcohol	6.96	79	350350	42.180	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	733816	39.792	ng		62
17) 2-Methylphenol	7.08	107	337788	42.778	ng	#	90
18) Hexachloroethane	7.32	117	167425	41.022	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	291521	43.187	ng		100
20) 3+4-Methylphenols	7.23	107	443072	48.565	ng	#	65
22) Acetophenone	7.22	105	577002	45.945	ng	#	90
24) Nitrobenzene	7.40	77	450015	43.740	ng		96
25) Isophorone	7.63	82	819657	43.752	ng		99
26) 2-Nitrophenol	7.72	139	231838	46.446	ng		99
27) 2,4-Dimethylphenol	7.76	122	378526	48.283	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	520990	42.861	ng		98
29) 2,4-Dichlorophenol	7.96	162	359171	46.010	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	376990	42.468	ng		99
31) Naphthalene	8.12	128	1219539	46.054	ng		98
32) Benzoic acid	7.91	122	220379	40.679	ng		99
33) 4-Chloroaniline	8.17	127	332406	27.547	ng		99
34) Hexachlorobutadiene	8.23	225	211580	41.890	ng		99
35) Caprolactam	8.55	113	124478m	48.902	ng		
36) 4-Chloro-3-methylphenol	8.67	107	383622	48.820	ng		99
37) 2-Methylnaphthalene	8.81	142	828451	48.490	ng		98
38) 1-Methylnaphthalene	8.91	142	782235	48.618	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	377428	44.446	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	142975	38.510	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	243776	41.736	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	256264	42.781	ng		95
46) 1,1'-Biphenyl	9.27	154	1018112	44.956	ng		97
47) 2-Chloronaphthalene	9.30	162	779465	42.767	ng		98
48) 2-Nitroaniline	9.40	65	263939	40.833	ng		93
49) Acenaphthylene	9.72	152	1237352	44.636	ng		98
50) Dimethylphthalate	9.57	163	911041	44.271	ng		99
51) 2,6-Dinitrotoluene	9.65	165	201391	44.122	ng		89
52) Acenaphthene	9.89	154	723345	42.523	ng		99
53) 3-Nitroaniline	9.82	138	166506	29.387	ng		97
54) 2,4-Dinitrophenol	9.94	184	167052	73.393	ng		93
55) Dibenzofuran	10.06	168	1062199	42.584	ng		99
56) 4-Nitrophenol	10.00	139	244573	61.038	ng		99
57) 2,4-Dinitrotoluene	10.06	165	256801	41.451	ng	#	77
58) Fluorene	10.40	166	885213	45.945	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	213091	41.229	ng		100
60) Diethylphthalate	10.27	149	917754	43.892	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	420204	44.406	ng		97
62) 4-Nitroaniline	10.43	138	243687	40.929	ng		99
63) Azobenzene	10.55	77	871638	43.067	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	115946	41.578	ng		95
66) n-Nitrosodiphenylamine	10.51	169	787578	44.714	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	268927	42.086	ng		97
68) Hexachlorobenzene	10.96	284	283431	40.095	ng		100
69) Atrazine	11.04	200	244008	44.516	ng		98
70) Pentachlorophenol	11.16	266	224886	67.111	ng		100
71) Phenanthrene	11.37	178	1264227	44.776	ng		98
72) Anthracene	11.42	178	1323459	46.668	ng		98
73) Carbazole	11.57	167	1247250	46.121	ng		98
74) Di-n-butylphthalate	11.89	149	1487938	47.758	ng		100
75) Fluoranthene	12.56	202	1406122	46.246	ng		99
77) Benzidine	12.67	184	746589	40.462	ng		96
78) Pyrene	12.79	202	1417474	42.866	ng		98
80) Butylbenzylphthalate	13.39	149	652963	46.914	ng		99
81) Benzo(a)anthracene	13.97	228	1177036	44.271	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	339854	32.951	ng		100
83) Chrysene	14.02	228	1161588	44.569	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	891902	48.996	ng		100
85) Di-n-octyl phthalate	14.56	149	1479637	50.142	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1006392	43.692	ng		99
88) Benzo(b)fluoranthene	15.03	252	1122210	44.014	ng		99
89) Benzo(k)fluoranthene	15.06	252	1044930	44.614	ng		99
90) Benzo(a)pyrene	15.39	252	1040791	46.382	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	844489	45.290	ng		99
92) Benzo(g,h,i)perylene	17.37	276	840496	44.979	ng		99

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

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