Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114694.D
Acq On : 31 May 2019 8:55
Operator : HP/JU
Sample : PB119779BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Manual Integrations APPROVED
mohammad
6/3/2019 8:49:14 AM

Quant Time: May 31 13:57:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 12:07:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	439115	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1775929	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	895637	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1644318	20.00	ng		0.00
76) Chrysene-d12	13.83	240	876513	20.00	ng		0.00
87) Perylene-d12	15.22	264	868461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	2560556	102.38	ng		0.02
7) Phenol-d6	6.35	99	3175575	105.37	ng		0.00
23) Nitrobenzene-d5	7.26	82	2300776	80.83	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	959258	112.40	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	4047851	84.88	ng		0.00
79) Terphenyl-d14	12.79	244	3947347	84.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	390924	32.571	ng		99
3) Pyridine	3.17	79	1075626	30.794	ng		99
4) n-Nitrosodimethylamine	3.11	42	435149	30.784	ng		98
6) Aniline	6.36	93	1061538	23.318	ng		97
8) 2-Chlorophenol	6.49	128	1061053	36.735	ng		99
9) Benzaldehyde	6.24	77	587781	32.951	ng		100
10) Phenol	6.36	94	1203624	33.059	ng		92
11) bis(2-Chloroethyl)ether	6.44	93	959818	34.465	ng		100
12) 1,3-Dichlorobenzene	6.64	146	1115160	33.888	ng		99
13) 1,4-Dichlorobenzene	6.72	146	1134963	34.380	ng		98
14) 1,2-Dichlorobenzene	6.87	146	1040630	34.624	ng		97
15) Benzyl Alcohol	6.85	79	863272	36.414	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1371686	32.113	ng		99
17) 2-Methylphenol	6.96	107	904374	37.019	ng		99
18) Hexachloroethane	7.22	117	422798	33.826	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	709345	34.098	ng		98
20) 3+4-Methylphenols	7.12	107	1017167	35.401	ng	#	85
22) Acetophenone	7.11	105	1388635	36.698	ng	#	100
24) Nitrobenzene	7.28	77	1078853	35.679	ng		97
25) Isophorone	7.53	82	2028965	35.517	ng		100
26) 2-Nitrophenol	7.60	139	607025	41.242	ng		97
27) 2,4-Dimethylphenol	7.64	122	1010721	41.289	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	1284737	35.329	ng		99
29) 2,4-Dichlorophenol	7.84	162	952661	38.235	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	1020307	35.943	ng		98
31) Naphthalene	8.00	128	2924115	35.746	ng		99
32) Benzoic acid	7.78	122	714939	44.966	ng		98
33) 4-Chloroaniline	8.05	127	870869	22.345	ng		98
34) Hexachlorobutadiene	8.13	225	553408	35.093	ng		99
35) Caprolactam	8.43	113	299710m	35.644	ng		
36) 4-Chloro-3-methylphenol	8.54	107	960451	38.438	ng		99
37) 2-Methylnaphthalene	8.69	142	2086018	38.380	ng		99
38) 1-Methylnaphthalene	8.79	142	1988586	38.617	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	880852	36.931	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1130838	71.747 ng	99
43) 2,4,6-Trichlorophenol	8.97	196	705930	37.615 ng	99
44) 2,4,5-Trichlorophenol	9.01	196	719856	38.438 ng	99
46) 1,1'-Biphenyl	9.16	154	2428489	36.527 ng	99
47) 2-Chloronaphthalene	9.18	162	1936763	35.513 ng	98
48) 2-Nitroaniline	9.27	65	579872	34.455 ng	93
49) Acenaphthylene	9.59	152	2984753	35.426 ng	99
50) Dimethylphthalate	9.46	163	2248626	36.030 ng	99
51) 2,6-Dinitrotoluene	9.52	165	542733	37.426 ng	95
52) Acenaphthene	9.76	154	2051574m	39.705 ng	
53) 3-Nitroaniline	9.68	138	422104	23.783 ng	93
54) 2,4-Dinitrophenol	9.79	184	507506	88.724 ng	97
55) Dibenzofuran	9.93	168	2608612	35.467 ng	99
56) 4-Nitrophenol	9.85	139	943923	71.767 ng	98
57) 2,4-Dinitrotoluene	9.92	165	704051	37.829 ng	98
58) Fluorene	10.27	166	1810696	34.926 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	601839	39.261 ng	100
60) Diethylphthalate	10.16	149	2248149	35.270 ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	929356	35.758 ng	99
62) 4-Nitroaniline	10.29	138	567117	32.791 ng	98
63) Azobenzene	10.43	77	2016116	34.451 ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	313170	42.952 ng	95
66) n-Nitrosodiphenylamine	10.39	169	1829143	37.651 ng	100
67) 4-Bromophenyl-phenylether	10.76	248	643692	36.505 ng	99
68) Hexachlorobenzene	10.83	284	685863	35.911 ng	98
69) Atrazine	10.92	200	603443	38.302 ng	99
70) Pentachlorophenol	11.02	266	759336	68.971 ng	97
71) Phenanthrene	11.23	178	2794766	33.319 ng	99
72) Anthracene	11.28	178	2902026	34.184 ng	100
73) Carbazole	11.43	167	2563902	34.364 ng	100
74) Di-n-butylphthalate	11.77	149	3147539	32.472 ng	99
75) Fluoranthene	12.41	202	2780670	32.015 ng	99
77) Benzidine	12.53	184	1687573	46.756 ng	99
78) Pyrene	12.63	202	2771352	37.377 ng	100
80) Butylbenzylphthalate	13.26	149	1388650	37.266 ng	98
81) Benzo(a)anthracene	13.82	228	2225375	33.039 ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	736357	28.308 ng	99
83) Chrysene	13.86	228	2235793	34.742 ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1619488	35.154 ng	100
85) Di-n-octyl phthalate	14.44	149	2767407	34.575 ng	99
86) Indeno(1,2,3-cd)pyrene	16.55	276	1961302	30.429 ng	100
88) Benzo(b)fluoranthene	14.83	252	2107726	38.533 ng	99
89) Benzo(k)fluoranthene	14.86	252	1792778	37.709 ng	99
90) Benzo(a)pyrene	15.16	252	1835051	38.188 ng	99
91) Dibenzo(a,h)anthracene	16.57	278	1626868	38.313 ng	99
92) Benzo(g,h,i)perylene	16.96	276	1653992	40.134 ng	99

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

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