Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116064.D
Acq On : 8 Aug 2019 13:03
Operator : HP/JU
Sample : PB122055BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122055BSD

Manual Integrations APPROVED
mohammad
8/14/2019 9:21:20 AM

Quant Time: Aug 09 15:29:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	140221	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	569828	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	305931	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	533060	20.00	ng		0.00
76) Chrysene-d12	14.00	240	375857	20.00	ng		0.00
87) Perylene-d12	15.46	264	310061	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	887354	105.94	ng		0.00
7) Phenol-d6	6.48	99	1109605	105.00	ng		0.00
23) Nitrobenzene-d5	7.40	82	725065	73.45	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	318825	107.49	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1264873	77.44	ng		-0.01
79) Terphenyl-d14	12.94	244	1429382	80.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	160665	37.969	ng		99
3) Pyridine	3.45	79	344002	29.102	ng		99
4) n-Nitrosodimethylamine	3.39	42	158763	34.035	ng		97
6) Aniline	6.50	93	415937	27.483	ng		98
8) 2-Chlorophenol	6.63	128	366688	39.589	ng		97
9) Benzaldehyde	6.39	77	111760	15.327	ng		98
10) Phenol	6.49	94	461321	37.069	ng		87
11) bis(2-Chloroethyl)ether	6.57	93	346927	37.917	ng		98
12) 1,3-Dichlorobenzene	6.78	146	384499	35.920	ng		99
13) 1,4-Dichlorobenzene	6.86	146	393278	36.694	ng		98
14) 1,2-Dichlorobenzene	7.01	146	362199	36.701	ng		99
15) Benzyl Alcohol	6.99	79	303654	37.862	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	460803	36.923	ng		95
17) 2-Methylphenol	7.10	107	308835	39.378	ng		99
18) Hexachloroethane	7.35	117	142885	36.209	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	249900	38.160	ng		97
20) 3+4-Methylphenols	7.25	107	374746	40.378	ng		99
22) Acetophenone	7.25	105	494439	39.564	ng	#	98
24) Nitrobenzene	7.42	77	401073	37.627	ng		98
25) Isophorone	7.66	82	733528	38.860	ng		100
26) 2-Nitrophenol	7.74	139	200966	39.997	ng		95
27) 2,4-Dimethylphenol	7.77	122	327265	43.293	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	449480	38.418	ng		100
29) 2,4-Dichlorophenol	7.98	162	318220	39.869	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	338355	37.189	ng		99
31) Naphthalene	8.14	128	1055448	39.361	ng		99
32) Benzoic acid	7.93	122	196571	36.883	ng		98
33) 4-Chloroaniline	8.19	127	295474	24.662	ng		97
34) Hexachlorobutadiene	8.26	225	189509	36.162	ng		98
35) Caprolactam	8.56	113	97664m	37.833	ng		
36) 4-Chloro-3-methylphenol	8.68	107	331743	39.952	ng		97
37) 2-Methylnaphthalene	8.83	142	698716	39.565	ng		99
38) 1-Methylnaphthalene	8.93	142	662543	39.657	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	322143	39.388	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	140526	41.362 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	207594	36.876 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	224063	38.504 ng	98
46) 1,1'-Biphenyl	9.29	154	850853	39.394 ng	99
47) 2-Chloronaphthalene	9.32	162	670376	37.292 ng	99
48) 2-Nitroaniline	9.42	65	210884	35.491 ng	98
49) Acenaphthylene	9.73	152	1009629	38.497 ng	98
50) Dimethylphthalate	9.60	163	804215	38.608 ng	99
51) 2,6-Dinitrotoluene	9.66	165	178607	39.455 ng	100
52) Acenaphthene	9.91	154	611893	38.031 ng	99
53) 3-Nitroaniline	9.83	138	142716	25.515 ng	96
54) 2,4-Dinitrophenol	9.95	184	153371	67.921 ng	93
55) Dibenzofuran	10.08	168	898027	38.381 ng	99
56) 4-Nitrophenol	10.01	139	238300	66.505 ng	89
57) 2,4-Dinitrotoluene	10.07	165	231384	38.391 ng	98
58) Fluorene	10.42	166	714328	39.681 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189459	38.698 ng	99
60) Diethylphthalate	10.29	149	775945	39.899 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	360182	39.506 ng	98
62) 4-Nitroaniline	10.45	138	188975	32.692 ng	99
63) Azobenzene	10.57	77	782245	39.106 ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	115928	41.038 ng	99
66) n-Nitrosodiphenylamine	10.53	169	639564	39.862 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	221396	38.798 ng	96
68) Hexachlorobenzene	10.97	284	248556	37.668 ng	98
69) Atrazine	11.06	200	198421	37.591 ng	99
70) Pentachlorophenol	11.17	266	220810	68.926 ng	98
71) Phenanthrene	11.39	178	1049204	38.501 ng	100
72) Anthracene	11.44	178	1081885	39.228 ng	99
73) Carbazole	11.59	167	992623	39.671 ng	99
74) Di-n-butylphthalate	11.92	149	1206513	41.335 ng	99
75) Fluoranthene	12.57	202	1109172	38.878 ng	98
77) Benzidine	12.69	184	313935	24.723 ng	98
78) Pyrene	12.80	202	1129126	39.852 ng	100
80) Butylbenzylphthalate	13.41	149	507797	42.370 ng	96
81) Benzo(a)anthracene	13.99	228	923406	38.438 ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	299630	35.900 ng	99
83) Chrysene	14.03	228	914633	39.216 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	696488	44.721 ng	98
85) Di-n-octyl phthalate	14.58	149	1099879	44.462 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	784023	40.024 ng	100
88) Benzo(b)fluoranthene	15.04	252	806183	44.968 ng	100
89) Benzo(k)fluoranthene	15.07	252	816984	46.786 ng	99
90) Benzo(a)pyrene	15.40	252	757555	47.269 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	672938	48.509 ng	98
92) Benzo(g,h,i)perylene	17.37	276	657534	48.262 ng	99

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

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