Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
Data File : BF114934.D
Acq On : 10 Jun 2019 16:52
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF061019

Manual Integrations APPROVED
mohammad
6/12/2019 9:14:04 AM

Quant Time: Jun 10 18:18:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	308980	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1271600	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	638096	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1280650	20.00	ng	0.00
76) Chrysene-d12	13.79	240	792418	20.00	ng	0.00
87) Perylene-d12	15.16	264	1021251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1521502	83.34	ng	0.00
7) Phenol-d6	6.30	99	1852325	84.12	ng	0.00
23) Nitrobenzene-d5	7.23	82	1709061	82.58	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	573270	82.59	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3008789	74.83	ng	0.00
79) Terphenyl-d14	12.74	244	3122187	78.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	363723	41.984	ng	99
3) Pyridine	2.96	79	1007118	41.762	ng	99
4) n-Nitrosodimethylamine	2.90	42	353499	40.810	ng	100
6) Aniline	6.32	93	1248740	41.863	ng	92
8) 2-Chlorophenol	6.45	128	875128	42.000	ng	98
9) Benzaldehyde	6.20	77	544782	38.653	ng	99
10) Phenol	6.32	94	1022963	41.660	ng	100
11) bis(2-Chloroethyl)ether	6.40	93	818045	41.801	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1009784	41.757	ng	98
13) 1,4-Dichlorobenzene	6.67	146	1012147	41.738	ng	98
14) 1,2-Dichlorobenzene	6.83	146	945033	42.936	ng	97
15) Benzyl Alcohol	6.81	79	686307	43.191	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1130830	42.015	ng	100
17) 2-Methylphenol	6.93	107	726355	41.633	ng	99
18) Hexachloroethane	7.17	117	373385	41.781	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	559763	40.650	ng	98
20) 3+4-Methylphenols	7.08	107	828390m	42.407	ng	
22) Acetophenone	7.07	105	1165056	40.931	ng	99
24) Nitrobenzene	7.25	77	900627	41.832	ng	96
25) Isophorone	7.49	82	1633014	40.294	ng	99
26) 2-Nitrophenol	7.56	139	500751	41.865	ng	94
27) 2,4-Dimethylphenol	7.60	122	726324	41.498	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	1068800	41.226	ng	99
29) 2,4-Dichlorophenol	7.80	162	763283	41.643	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	873375	41.519	ng	98
31) Naphthalene	7.96	128	2466601	42.098	ng	99
32) Benzoic acid	7.75	122	599037	45.819	ng	99
33) 4-Chloroaniline	8.02	127	1146199	41.454	ng	98
34) Hexachlorobutadiene	8.09	225	488307	41.388	ng	100
35) Caprolactam	8.40	113	265364	42.979	ng	99
36) 4-Chloro-3-methylphenol	8.50	107	774117	41.581	ng	98
37) 2-Methylnaphthalene	8.65	142	1665493	41.830	ng	100
38) 1-Methylnaphthalene	8.75	142	1585736	42.110	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	757540	41.292	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	430673	41.298 ng	99
43) 2,4,6-Trichlorophenol	8.93	196	580966	41.703 ng	99
44) 2,4,5-Trichlorophenol	8.97	196	598543	41.669 ng	97
46) 1,1'-Biphenyl	9.12	154	1991842	41.724 ng	98
47) 2-Chloronaphthalene	9.14	162	1678147	41.642 ng	99
48) 2-Nitroaniline	9.23	65	512082	41.746 ng	92
49) Acenaphthylene	9.55	152	2496904	42.046 ng	99
50) Dimethylphthalate	9.43	163	1967400	41.023 ng	99
51) 2,6-Dinitrotoluene	9.48	165	457043	41.491 ng	95
52) Acenaphthene	9.73	154	1515033	42.111 ng	99
53) 3-Nitroaniline	9.64	138	553083	41.813 ng	98
54) 2,4-Dinitrophenol	9.75	184	229221	42.044 ng	95
55) Dibenzofuran	9.89	168	2159820	42.055 ng	99
56) 4-Nitrophenol	9.81	139	404943	42.955 ng	95
57) 2,4-Dinitrotoluene	9.88	165	601120	43.172 ng	97
58) Fluorene	10.23	166	1551520	39.191 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	497019	42.801 ng	99
60) Diethylphthalate	10.12	149	1942174	41.667 ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	785698	39.643 ng	95
62) 4-Nitroaniline	10.26	138	569710	42.027 ng	99
63) Azobenzene	10.39	77	1696192	41.808 ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	300377	41.824 ng	93
66) n-Nitrosodiphenylamine	10.35	169	1527552	40.148 ng	100
67) 4-Bromophenyl-phenylether	10.72	248	569114	41.027 ng	97
68) Hexachlorobenzene	10.79	284	614128	40.091 ng	96
69) Atrazine	10.88	200	505401	39.422 ng	98
70) Pentachlorophenol	10.97	266	363956	42.370 ng	99
71) Phenanthrene	11.19	178	2521792	40.587 ng	99
72) Anthracene	11.24	178	2598799	41.208 ng	100
73) Carbazole	11.39	167	2352098	40.965 ng	99
74) Di-n-butylphthalate	11.74	149	2895636	40.807 ng	99
75) Fluoranthene	12.37	202	2657571	41.352 ng	99
77) Benzidine	12.49	184	1353813	39.039 ng	99
78) Pyrene	12.60	202	2691171	38.995 ng	99
80) Butylbenzylphthalate	13.22	149	1345284	39.568 ng	99
81) Benzo(a)anthracene	13.77	228	2403472	41.020 ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	979405	40.951 ng	99
83) Chrysene	13.82	228	2357357	40.065 ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1585101	39.808 ng	100
85) Di-n-octyl phthalate	14.39	149	2929850	40.279 ng	100
86) Indeno(1,2,3-cd)pyrene	16.48	276	2497096	45.144 ng	100
88) Benzo(b)fluoranthene	14.79	252	2565359	38.585 ng	100
89) Benzo(k)fluoranthene	14.82	252	2281557	39.542 ng	99
90) Benzo(a)pyrene	15.12	252	2314965	40.087 ng	100
91) Dibenzo(a,h)anthracene	16.50	278	2025787	41.529 ng	99
92) Benzo(g,h,i)perylene	16.87	276	2008708	41.311 ng	98

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

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