Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117024.D
Acq On : 13 Sep 2019 16:08
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF091319

Quant Time: Sep 13 17:15:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79315	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	327426	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	165290	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	272828	20.00	ng	0.00
76) Chrysene-d12	13.97	240	201397	20.00	ng	0.00
87) Perylene-d12	15.42	264	205201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	386952	76.17	ng	0.00
7) Phenol-d6	6.46	99	501736	76.42	ng	0.00
23) Nitrobenzene-d5	7.39	82	477394	76.61	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	106242	76.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	812731	76.88	ng	0.00
79) Terphenyl-d14	12.92	244	781367	72.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	81228	38.210	ng	99
3) Pyridine	3.30	79	219714	37.761	ng	95
4) n-Nitrosodimethylamine	3.25	42	75589	37.855	ng	92
6) Aniline	6.49	93	325693	38.529	ng	98
8) 2-Chlorophenol	6.61	128	208777	38.094	ng	99
9) Benzaldehyde	6.37	77	136677	42.177	ng	97
10) Phenol	6.47	94	276824	38.247	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	199204	37.447	ng	99
12) 1,3-Dichlorobenzene	6.76	146	234581	38.144	ng	99
13) 1,4-Dichlorobenzene	6.84	146	236889	37.745	ng	99
14) 1,2-Dichlorobenzene	6.99	146	227773	38.980	ng	96
15) Benzyl Alcohol	6.96	79	194352	38.602	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	199699	37.997	ng	99
17) 2-Methylphenol	7.08	107	173968	37.875	ng	96
18) Hexachloroethane	7.33	117	92082	38.138	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	149722	37.450	ng	93
20) 3+4-Methylphenols	7.23	107	218178	38.134	ng	99
22) Acetophenone	7.23	105	315218	37.892	ng	99
24) Nitrobenzene	7.40	77	238383	38.736	ng	98
25) Isophorone	7.65	82	411790	37.321	ng	100
26) 2-Nitrophenol	7.72	139	105372	39.863	ng	98
27) 2,4-Dimethylphenol	7.76	122	157642	37.607	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	256251	37.695	ng	99
29) 2,4-Dichlorophenol	7.96	162	169866	38.674	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	178137	37.540	ng	100
31) Naphthalene	8.13	128	598042	37.978	ng	99
32) Benzoic acid	7.89	122	114023	37.669	ng	96
33) 4-Chloroaniline	8.17	127	264949	37.935	ng	100
34) Hexachlorobutadiene	8.25	225	103132	38.307	ng	97
35) Caprolactam	8.55	113	54999	36.995	ng	87
36) 4-Chloro-3-methylphenol	8.66	107	195027	38.080	ng	99
37) 2-Methylnaphthalene	8.82	142	401120	37.827	ng	99
38) 1-Methylnaphthalene	8.92	142	373305	37.588	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	159495	37.368	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	59979	36.520	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	110120	38.018	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	118527	38.300	ng		99
46) 1,1'-Biphenyl	9.28	154	488426	37.672	ng		98
47) 2-Chloronaphthalene	9.30	162	390743	38.187	ng		99
48) 2-Nitroaniline	9.40	65	126550	38.558	ng		97
49) Acenaphthylene	9.72	152	584928	38.159	ng		99
50) Dimethylphthalate	9.57	163	440654	37.652	ng		99
51) 2,6-Dinitrotoluene	9.64	165	91571	38.417	ng		94
52) Acenaphthene	9.89	154	343400	37.792	ng		99
53) 3-Nitroaniline	9.81	138	116273	38.663	ng		99
54) 2,4-Dinitrophenol	9.92	184	34162	38.555	ng	#	86
55) Dibenzofuran	10.06	168	511344	38.141	ng		99
56) 4-Nitrophenol	9.97	139	74833	38.393	ng		98
57) 2,4-Dinitrotoluene	10.05	165	126600	40.917	ng		95
58) Fluorene	10.40	166	409390	37.908	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	89513	37.798	ng		98
60) Diethylphthalate	10.27	149	432753	37.585	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	179341	38.382	ng		97
62) 4-Nitroaniline	10.42	138	120573	38.552	ng		97
63) Azobenzene	10.55	77	440825	37.486	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	45061	37.938	ng		97
66) n-Nitrosodiphenylamine	10.51	169	348856	37.024	ng		97
67) 4-Bromophenyl-phenylether	10.88	248	105252	37.776	ng		98
68) Hexachlorobenzene	10.96	284	115150	37.785	ng		95
69) Atrazine	11.03	200	93688	38.417	ng		98
70) Pentachlorophenol	11.15	266	54519	38.165	ng		98
71) Phenanthrene	11.36	178	584967	37.748	ng		99
72) Anthracene	11.42	178	596297	37.691	ng		98
73) Carbazole	11.57	167	567828	37.812	ng		99
74) Di-n-butylphthalate	11.89	149	669245	37.457	ng		99
75) Fluoranthene	12.55	202	605323	38.016	ng		97
77) Benzidine	12.66	184	236126	36.397	ng		96
78) Pyrene	12.77	202	606479	35.889	ng		99
80) Butylbenzylphthalate	13.39	149	289397	36.243	ng		98
81) Benzo(a)anthracene	13.96	228	509047	37.832	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	161008	37.133	ng		98
83) Chrysene	14.00	228	498552	37.989	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	378771	36.790	ng		98
85) Di-n-octyl phthalate	14.56	149	631142	38.949	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	378131	39.494	ng		99
88) Benzo(b)fluoranthene	15.00	252	454942	36.601	ng		100
89) Benzo(k)fluoranthene	15.03	252	433352	36.805	ng		98
90) Benzo(a)pyrene	15.36	252	408934	37.492	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	310703	35.758	ng		99
92) Benzo(g,h,i)perylene	17.29	276	301546	34.826	ng		100

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

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