Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118357.D
Acq On : 28 Dec 2019 11:13
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:26 PM

Quant Time: Dec 30 12:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	189131	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	730733	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	390140	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	714539	20.00	ng		0.00
76) Chrysene-d12	14.06	240	478406	20.00	ng		0.00
87) Perylene-d12	15.54	264	389205	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	827967	74.73	ng		0.01
7) Phenol-d6	6.50	99	1026577	74.69	ng		0.01
23) Nitrobenzene-d5	7.43	82	969256	75.86	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	359798	74.68	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1931609	75.58	ng		0.00
79) Terphenyl-d14	12.99	244	2159002	74.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	160992	36.551	ng		99
3) Pyridine	3.36	79	438310	37.350	ng		100
4) n-Nitrosodimethylamine	3.32	42	180167	37.134	ng		97
6) Aniline	6.52	93	651475	37.327	ng		98
8) 2-Chlorophenol	6.65	128	477278	38.034	ng		99
9) Benzaldehyde	6.41	77	280081	34.756	ng		99
10) Phenol	6.51	94	571834	37.015	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	422842	38.272	ng		100
12) 1,3-Dichlorobenzene	6.80	146	544515	37.677	ng		97
13) 1,4-Dichlorobenzene	6.87	146	548389	37.358	ng		97
14) 1,2-Dichlorobenzene	7.03	146	520407	37.550	ng		99
15) Benzyl Alcohol	7.00	79	398097	38.040	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	460092	39.026	ng		94
17) 2-Methylphenol	7.12	107	381305	37.885	ng		99
18) Hexachloroethane	7.37	117	203004	37.680	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	318464	37.611	ng		98
20) 3+4-Methylphenols	7.27	107	484143	37.584	ng		96
22) Acetophenone	7.27	105	674534	37.664	ng	#	93
24) Nitrobenzene	7.45	77	478928	37.421	ng		97
25) Isophorone	7.69	82	842604	37.842	ng		99
26) 2-Nitrophenol	7.76	139	266998	39.387	ng		98
27) 2,4-Dimethylphenol	7.80	122	345758	37.383	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	564428	38.760	ng		100
29) 2,4-Dichlorophenol	8.00	162	405705	38.110	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	472124	38.072	ng		99
31) Naphthalene	8.17	128	1407213	37.889	ng		100
32) Benzoic acid	7.95	122	257429m	34.739	ng		
33) 4-Chloroaniline	8.22	127	604389	37.959	ng		99
34) Hexachlorobutadiene	8.28	225	283482	38.403	ng		99
35) Caprolactam	8.61	113	124528	37.468	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	430922	37.702	ng		96
37) 2-Methylnaphthalene	8.86	142	960453	37.770	ng		100
38) 1-Methylnaphthalene	8.96	142	904843	37.769	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	447200	38.150	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	184057	42.114	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	297286	37.962	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	300288	37.275	ng		98
46) 1,1'-Biphenyl	9.33	154	1178412	38.188	ng		100
47) 2-Chloronaphthalene	9.35	162	946677	38.118	ng		99
48) 2-Nitroaniline	9.45	65	268919	38.335	ng		97
49) Acenaphthylene	9.77	152	1377084	37.387	ng		98
50) Dimethylphthalate	9.63	163	1106494	37.783	ng		99
51) 2,6-Dinitrotoluene	9.70	165	240527	38.096	ng		88
52) Acenaphthene	9.95	154	847254	37.764	ng		98
53) 3-Nitroaniline	9.87	138	276785	37.351	ng		90
54) 2,4-Dinitrophenol	9.98	184	98449	34.106	ng		96
55) Dibenzofuran	10.12	168	1230387	37.115	ng		98
56) 4-Nitrophenol	10.04	139	150423	32.881	ng		93
57) 2,4-Dinitrotoluene	10.10	165	316916	37.565	ng		87
58) Fluorene	10.46	166	995945	37.216	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	248039	36.237	ng		97
60) Diethylphthalate	10.33	149	1091549	37.676	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	502412	37.608	ng		99
62) 4-Nitroaniline	10.49	138	288887	37.526	ng		98
63) Azobenzene	10.61	77	924169	37.241	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	146799	38.083	ng		96
66) n-Nitrosodiphenylamine	10.57	169	873331	38.135	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	317642	37.986	ng		98
68) Hexachlorobenzene	11.02	284	374836	38.082	ng	#	90
69) Atrazine	11.10	200	275884	39.033	ng		99
70) Pentachlorophenol	11.21	266	144524m	33.903	ng		
71) Phenanthrene	11.43	178	1448735	37.192	ng		100
72) Anthracene	11.48	178	1462294	37.505	ng		99
73) Carbazole	11.63	167	1303765	37.684	ng		99
74) Di-n-butylphthalate	11.96	149	1707584	38.926	ng		100
75) Fluoranthene	12.62	202	1461212	37.170	ng		97
77) Benzidine	12.74	184	579050	44.173	ng		99
78) Pyrene	12.85	202	1473079	37.706	ng		99
80) Butylbenzylphthalate	13.46	149	713821	40.580	ng		99
81) Benzo(a)anthracene	14.04	228	1270390	37.937	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	443978	39.103	ng		99
83) Chrysene	14.09	228	1181273	36.840	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	957480	41.396	ng		100
85) Di-n-octyl phthalate	14.63	149	1384000	40.678	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	893036	32.687	ng		99
88) Benzo(b)fluoranthene	15.11	252	979810	37.925	ng		99
89) Benzo(k)fluoranthene	15.14	252	992922	40.027	ng		98
90) Benzo(a)pyrene	15.49	252	868646	38.167	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	737929	37.364	ng		99
92) Benzo(g,h,i)perylene	17.52	276	693811	36.367	ng		99

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

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