Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
Data File : BF118119.D
Acq On : 6 Dec 2019 17:43
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Manual Integrations APPROVED
mohammad
12/9/2019 3:09:57 PM

Quant Time: Dec 06 18:12:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144431	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	555337	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	296860	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	554395	20.00	ng		0.00
76) Chrysene-d12	14.07	240	411565	20.00	ng		0.00
87) Perylene-d12	15.56	264	379715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	656235	79.58	ng		0.00
7) Phenol-d6	6.50	99	788481	79.05	ng		0.00
23) Nitrobenzene-d5	7.44	82	765940	77.59	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	274877	76.22	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1510674	77.43	ng		0.00
79) Terphenyl-d14	13.00	244	1787577	74.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	134225	38.603	ng		99
3) Pyridine	3.39	79	359525	40.077	ng		99
4) n-Nitrosodimethylamine	3.34	42	153729	39.835	ng		98
6) Aniline	6.53	93	517177	40.535	ng		99
8) 2-Chlorophenol	6.66	128	368167	39.595	ng		98
9) Benzaldehyde	6.42	77	209658	40.676	ng		95
10) Phenol	6.52	94	456050	40.093	ng		100
11) bis(2-Chloroethyl)ether	6.60	93	322888	39.248	ng		98
12) 1,3-Dichlorobenzene	6.82	146	429294	39.522	ng		97
13) 1,4-Dichlorobenzene	6.89	146	434106	39.689	ng		97
14) 1,2-Dichlorobenzene	7.05	146	406303	39.556	ng		99
15) Benzyl Alcohol	7.02	79	311899	40.060	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	397464	40.182	ng		99
17) 2-Methylphenol	7.13	107	294601	39.835	ng		98
18) Hexachloroethane	7.39	117	159464	39.566	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	239207	39.468	ng		99
20) 3+4-Methylphenols	7.28	107	378635	40.760	ng	#	88
22) Acetophenone	7.29	105	521536	39.090	ng	#	93
24) Nitrobenzene	7.46	77	376342	38.804	ng		97
25) Isophorone	7.70	82	639524	38.217	ng		99
26) 2-Nitrophenol	7.77	139	203232	39.206	ng		97
27) 2,4-Dimethylphenol	7.81	122	267621	38.704	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	421102	38.511	ng		99
29) 2,4-Dichlorophenol	8.02	162	315422	39.131	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	365990	38.851	ng		98
31) Naphthalene	8.19	128	1089713	39.071	ng		99
32) Benzoic acid	7.94	122	246482	39.481	ng		97
33) 4-Chloroaniline	8.23	127	467465	38.817	ng		97
34) Hexachlorobutadiene	8.30	225	220603	39.053	ng		99
35) Caprolactam	8.60	113	97619	39.270	ng		97
36) 4-Chloro-3-methylphenol	8.72	107	326419	38.480	ng		95
37) 2-Methylnaphthalene	8.87	142	733219	38.832	ng		99
38) 1-Methylnaphthalene	8.97	142	697483	39.341	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	345180	38.383	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	152431	37.831	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	230890	38.453	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	240475	38.656	ng		95
46) 1,1'-Biphenyl	9.34	154	903927	38.608	ng		100
47) 2-Chloronaphthalene	9.37	162	725322	38.512	ng		98
48) 2-Nitroaniline	9.46	65	210441	39.182	ng		97
49) Acenaphthylene	9.79	152	1089114	39.207	ng		99
50) Dimethylphthalate	9.65	163	833158	37.996	ng		99
51) 2,6-Dinitrotoluene	9.70	165	185099	38.821	ng		94
52) Acenaphthene	9.96	154	650403	38.361	ng		99
53) 3-Nitroaniline	9.88	138	217150	38.700	ng		95
54) 2,4-Dinitrophenol	9.99	184	92859	39.146	ng		92
55) Dibenzofuran	10.13	168	962409	38.739	ng		99
56) 4-Nitrophenol	10.04	139	155119	39.834	ng		92
57) 2,4-Dinitrotoluene	10.12	165	247870	38.949	ng	#	92
58) Fluorene	10.47	166	763249	38.659	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	198905	38.756	ng		98
60) Diethylphthalate	10.35	149	842092	38.979	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	379821	38.235	ng		95
62) 4-Nitroaniline	10.49	138	230739	39.428	ng		98
63) Azobenzene	10.63	77	713024	38.662	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	120144	39.241	ng		85
66) n-Nitrosodiphenylamine	10.58	169	670338	38.719	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	243093	38.412	ng		94
68) Hexachlorobenzene	11.03	284	292253	39.235	ng	#	91
69) Atrazine	11.11	200	189569	39.323	ng		98
70) Pentachlorophenol	11.22	266	137923	39.373	ng		97
71) Phenanthrene	11.44	178	1155766	39.217	ng		100
72) Anthracene	11.49	178	1144116	38.916	ng		99
73) Carbazole	11.65	167	1026644	38.921	ng		100
74) Di-n-butylphthalate	11.97	149	1276889	38.679	ng		99
75) Fluoranthene	12.63	202	1174732	38.987	ng		98
77) Benzidine	12.75	184	423308	39.070	ng		98
78) Pyrene	12.86	202	1198759	36.961	ng		100
80) Butylbenzylphthalate	13.48	149	543698	37.015	ng		96
81) Benzo(a)anthracene	14.06	228	1087986	38.231	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	353336	37.805	ng		99
83) Chrysene	14.10	228	1039963	38.256	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	738089	38.108	ng		99
85) Di-n-octyl phthalate	14.66	149	1173471	39.996	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	834255	36.473	ng		100
88) Benzo(b)fluoranthene	15.12	252	958264	38.158	ng		98
89) Benzo(k)fluoranthene	15.15	252	957234m	39.678	ng		
90) Benzo(a)pyrene	15.50	252	855495	38.571	ng		98
91) Dibenzo(a,h)anthracene	17.09	278	691133	36.330	ng		99
92) Benzo(g,h,i)perylene	17.53	276	651596	35.644	ng		99

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

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