Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122419\
Data File : BF118306.D
Acq On : 24 Dec 2019 13:48
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
12/26/2019 4:03:25 PM

Quant Time: Dec 24 16:00:13 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 14:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	162521	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	576617	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	307274	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	550283	20.00	ng		0.00
76) Chrysene-d12	14.05	240	325897	20.00	ng		0.00
87) Perylene-d12	15.53	264	313463	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1660977	179.00	ng		0.00
7) Phenol-d6	6.50	99	2058297	183.39	ng		0.02
23) Nitrobenzene-d5	7.44	82	1935712	188.86	ng		0.02
42) 2,4,6-Tribromophenol	10.70	330	714497	191.41	ng		0.01
45) 2-Fluorobiphenyl	9.23	172	3484807	172.57	ng		0.00
79) Terphenyl-d14	12.99	244	3791538	200.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	343277	87.737	ng		98
3) Pyridine	3.35	79	948990	94.011	ng		99
4) n-Nitrosodimethylamine	3.33	42	393814	90.687	ng		100
6) Aniline	6.53	93	1306667	91.015	ng		99
8) 2-Chlorophenol	6.65	128	931576	89.035	ng		99
10) Phenol	6.52	94	1178315	92.060	ng		79
11) bis(2-Chloroethyl)ether	6.60	93	848783	91.689	ng		99
12) 1,3-Dichlorobenzene	6.80	146	1082257	88.545	ng		99
13) 1,4-Dichlorobenzene	6.87	146	1090622	88.613	ng		98
14) 1,2-Dichlorobenzene	7.03	146	1015310	87.843	ng		99
15) Benzyl Alcohol	7.01	79	778852	88.900	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	894797	80.392	ng		94
17) 2-Methylphenol	7.12	107	758655	91.165	ng	#	93
18) Hexachloroethane	7.37	117	409371	90.267	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	634171	92.988	ng		99
20) 3+4-Methylphenols	7.28	107	922690	88.272	ng		91
22) Acetophenone	7.28	105	1325930	95.714	ng	#	91
24) Nitrobenzene	7.46	77	966876	96.015	ng		92
25) Isophorone	7.69	82	1692644	97.417	ng		99
26) 2-Nitrophenol	7.76	139	530104	98.489	ng		97
27) 2,4-Dimethylphenol	7.80	122	697995	97.221	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	1085165	95.580	ng		99
29) 2,4-Dichlorophenol	8.01	162	796469	95.162	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	918628	93.918	ng		98
31) Naphthalene	8.17	128	2663735	91.983	ng		98
32) Benzoic acid	7.99	122	657619	101.447	ng		97
33) 4-Chloroaniline	8.22	127	1178910	94.282	ng		99
34) Hexachlorobutadiene	8.28	225	553428	94.357	ng		99
35) Caprolactam	8.63	113	234225m	90.747	ng		
36) 4-Chloro-3-methylphenol	8.72	107	848526	96.338	ng		98
37) 2-Methylnaphthalene	8.86	142	1815111	92.582	ng		99
38) 1-Methylnaphthalene	8.96	142	1716159	93.227	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	864278	92.849	ng		100
41) Hexachlorocyclopentadiene	9.01	237	400956	96.138	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	589078	94.782	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	594215	92.283	ng		99
46) 1,1'-Biphenyl	9.33	154	2203187	90.912	ng		99
47) 2-Chloronaphthalene	9.36	162	1776150	91.111	ng		98
48) 2-Nitroaniline	9.46	65	512642	92.214	ng		98
49) Acenaphthylene	9.77	152	2541460	88.390	ng		97
50) Dimethylphthalate	9.63	163	2133370	93.995	ng		99
51) 2,6-Dinitrotoluene	9.70	165	465234	94.268	ng		92
52) Acenaphthene	9.95	154	1598742	91.098	ng		99
53) 3-Nitroaniline	9.88	138	549373	94.589	ng		99
54) 2,4-Dinitrophenol	9.98	184	253377	103.194	ng		96
55) Dibenzofuran	10.12	168	2276702	88.535	ng		93
56) 4-Nitrophenol	10.04	139	362244	89.871	ng		98
57) 2,4-Dinitrotoluene	10.11	165	603553	91.625	ng	#	81
58) Fluorene	10.46	166	1851864	90.619	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	501650	94.431	ng		98
60) Diethylphthalate	10.33	149	2050723	91.706	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	928767	90.326	ng		99
62) 4-Nitroaniline	10.50	138	545297	90.020	ng		98
63) Azobenzene	10.61	77	1761931	92.298	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	319246	105.051	ng		92
66) n-Nitrosodiphenylamine	10.57	169	1638948	95.374	ng		98
67) 4-Bromophenyl-phenylether	10.94	248	612135	97.449	ng		94
68) Hexachlorobenzene	11.02	284	723045	97.794	ng	#	92
69) Atrazine	11.10	200	472594	108.451	ng		95
70) Pentachlorophenol	11.21	266	348576	100.252	ng		99
71) Phenanthrene	11.43	178	2687949	91.888	ng		97
72) Anthracene	11.48	178	2664544	91.309	ng		98
73) Carbazole	11.64	167	2399496	91.646	ng		99
74) Di-n-butylphthalate	11.96	149	2999839	91.550	ng		98
75) Fluoranthene	12.62	202	2614569	87.421	ng		96
78) Pyrene	12.85	202	2644798	102.982	ng		97
80) Butylbenzylphthalate	13.46	149	1179849	101.440	ng		98
81) Benzo(a)anthracene	14.04	228	2143710	95.129	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	638141	86.225	ng		99
83) Chrysene	14.09	228	2021799	93.925	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1539061	100.351	ng		99
85) Di-n-octyl phthalate	14.63	149	2229757	95.976	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	2077409	114.698	ng		100
88) Benzo(b)fluoranthene	15.10	252	2073232	100.004	ng		98
89) Benzo(k)fluoranthene	15.14	252	1687712	84.742	ng		99
90) Benzo(a)pyrene	15.48	252	1749490	95.549	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	1694898	107.925	ng		98
92) Benzo(g,h,i)perylene	17.52	276	1667458	110.494	ng		99

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

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