Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
Data File : BF117446.D
Acq On : 18 Oct 2019 17:54
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
10/20/2019 8:04:43 PM

Quant Time: Oct 18 18:55:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 17:56:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	47930	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	200680	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	100678	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	156014	20.00	ng		0.00
76) Chrysene-d12	13.90	240	93839	20.00	ng		0.00
87) Perylene-d12	15.32	264	87245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	633345	203.31	ng		0.00
7) Phenol-d6	6.40	99	820160	198.43	ng		0.02
23) Nitrobenzene-d5	7.32	82	790999	199.80	ng		0.02
42) 2,4,6-Tribromophenol	10.57	330	165197	201.61	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1348830	195.32	ng		0.00
79) Terphenyl-d14	12.85	244	1169163	203.11	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	131581	102.605	ng		98
3) Pyridine	3.12	79	342233	104.863	ng		96
4) n-Nitrosodimethylamine	3.10	42	124973	108.666	ng		100
6) Aniline	6.42	93	475267	92.048	ng	#	30
8) 2-Chlorophenol	6.53	128	325568	94.005	ng		99
9) Benzaldehyde	6.29	77	148370	73.624	ng		96
10) Phenol	6.42	94	427312	95.765	ng		87
11) bis(2-Chloroethyl)ether	6.49	93	318937	94.013	ng		98
12) 1,3-Dichlorobenzene	6.68	146	367518	94.891	ng		99
13) 1,4-Dichlorobenzene	6.76	146	369431	93.573	ng		98
14) 1,2-Dichlorobenzene	6.92	146	345801	92.731	ng		97
15) Benzyl Alcohol	6.90	79	297428	94.058	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	343041	96.299	ng		90
17) 2-Methylphenol	7.02	107	267333	92.463	ng	#	85
18) Hexachloroethane	7.25	117	145432	94.744	ng		94
19) n-Nitroso-di-n-propylamine	7.17	70	254824	96.696	ng		97
20) 3+4-Methylphenols	7.17	107	346010	92.944	ng		94
22) Acetophenone	7.16	105	516989	98.175	ng	#	98
24) Nitrobenzene	7.33	77	379579	95.715	ng		100
25) Isophorone	7.58	82	686990	97.413	ng		98
26) 2-Nitrophenol	7.65	139	173102	98.381	ng		97
27) 2,4-Dimethylphenol	7.69	122	254586	95.203	ng		100
28) bis(2-Chloroethoxy)methane	7.78	93	419803	96.022	ng		98
29) 2,4-Dichlorophenol	7.89	162	261534	94.785	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	281333	94.581	ng		99
31) Naphthalene	8.05	128	954648	95.255	ng		100
32) Benzoic acid	7.89	122	201243	120.855	ng		98
33) 4-Chloroaniline	8.10	127	401320	94.290	ng		99
34) Hexachlorobutadiene	8.16	225	162928	95.637	ng		97
35) Caprolactam	8.52	113	81968m	94.862	ng		
36) 4-Chloro-3-methylphenol	8.60	107	302058	96.206	ng		98
37) 2-Methylnaphthalene	8.73	142	640738	94.679	ng		99
38) 1-Methylnaphthalene	8.83	142	588158	92.242	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	260526	96.150	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	81790	161.648	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	165377	96.443	ng		97
44) 2,4,5-Trichlorophenol	9.07	196	166173	95.004	ng		94
46) 1,1'-Biphenyl	9.20	154	796842	96.883	ng		100
47) 2-Chloronaphthalene	9.23	162	605018	94.364	ng		99
48) 2-Nitroaniline	9.33	65	206687	101.036	ng		89
49) Acenaphthylene	9.64	152	873073	92.888	ng		100
50) Dimethylphthalate	9.51	163	694864	96.102	ng		99
51) 2,6-Dinitrotoluene	9.57	165	147297	96.920	ng	#	85
52) Acenaphthene	9.81	154	545870	95.576	ng		99
53) 3-Nitroaniline	9.75	138	174123	93.822	ng		98
54) 2,4-Dinitrophenol	9.86	184	64302	110.430	ng		99
55) Dibenzofuran	9.98	168	772951	92.775	ng		98
56) 4-Nitrophenol	9.92	139	86240	116.764	ng		93
57) 2,4-Dinitrotoluene	9.99	165	190705	95.099	ng		95
58) Fluorene	10.33	166	642624	92.637	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	124145	91.811	ng		96
60) Diethylphthalate	10.20	149	690115	94.688	ng		98
61) 4-Chlorophenyl-phenylether	10.32	204	287208	93.513	ng		91
62) 4-Nitroaniline	10.37	138	164164	93.055	ng		97
63) Azobenzene	10.47	77	713839	95.454	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	90131	115.006	ng		96
66) n-Nitrosodiphenylamine	10.44	169	557088	95.584	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	165034	96.442	ng		90
68) Hexachlorobenzene	10.88	284	178635	97.204	ng	#	87
70) Pentachlorophenol	11.07	266	58453	106.319	ng		98
71) Phenanthrene	11.29	178	866178	93.919	ng		99
72) Anthracene	11.34	178	892172	93.709	ng		99
73) Carbazole	11.49	167	820197	94.840	ng		99
74) Di-n-butylphthalate	11.82	149	1093661	93.391	ng		99
75) Fluoranthene	12.47	202	846228	92.276	ng		99
77) Benzidine	12.59	184	156532	67.446	ng	#	95
78) Pyrene	12.70	202	852433	102.767	ng		99
80) Butylbenzylphthalate	13.31	149	420475	100.808	ng		100
81) Benzo(a)anthracene	13.89	228	631482	98.076	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	164296	80.706	ng		98
83) Chrysene	13.93	228	610576	96.160	ng		100
84) Bis(2-ethylhexyl)phthalate	13.87	149	575167	97.801	ng	#	95
85) Di-n-octyl phthalate	14.48	149	850027	94.938	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	496605	111.853	ng		99
88) Benzo(b)fluoranthene	14.92	252	489909	90.199	ng		98
89) Benzo(k)fluoranthene	14.95	252	503530	93.286	ng		99
90) Benzo(a)pyrene	15.27	252	450695	93.707	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	412509	100.092	ng		98
92) Benzo(g,h,i)perylene	17.16	276	406726	103.678	ng		98

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

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