Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
Data File : BF117441.D
Acq On : 18 Oct 2019 15:40
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
10/20/2019 8:04:30 PM

Quant Time: Oct 18 18:31:22 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	6.73	152	45615	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	197235	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	102649	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	164702	20.00	ng		0.00
76) Chrysene-d12	13.89	240	122241	20.00	ng		0.00
87) Perylene-d12	15.32	264	109804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	122282	41.25	ng		0.00
7) Phenol-d6	6.37	99	169897	43.19	ng		0.00
23) Nitrobenzene-d5	7.30	82	161861	41.60	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	36837	44.09	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	306125	43.48	ng		0.00
79) Terphenyl-d14	12.83	244	297356	39.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	26727	21.899	ng		99
3) Pyridine	3.14	79	68157	21.944	ng		99
4) n-Nitrosodimethylamine	3.07	42	22686	20.727	ng	#	95
6) Aniline	6.40	93	101013	20.557	ng		94
8) 2-Chlorophenol	6.52	128	65941	20.006	ng		97
9) Benzaldehyde	6.29	77	47355	24.691	ng		97
10) Phenol	6.39	94	86150	20.287	ng		92
11) bis(2-Chloroethyl)ether	6.47	93	62927	19.490	ng		98
12) 1,3-Dichlorobenzene	6.67	146	72340	19.626	ng		98
13) 1,4-Dichlorobenzene	6.75	146	76446	20.346	ng		96
14) 1,2-Dichlorobenzene	6.90	146	71343	20.102	ng		97
15) Benzyl Alcohol	6.89	79	60718	20.176	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	68652	20.250	ng		84
17) 2-Methylphenol	7.00	107	53824	19.561	ng		93
18) Hexachloroethane	7.24	117	29135	19.944	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	51961	20.718	ng		95
20) 3+4-Methylphenols	7.16	107	72607	20.493	ng	#	87
22) Acetophenone	7.15	105	107576	20.785	ng		95
24) Nitrobenzene	7.32	77	75848	19.460	ng		97
25) Isophorone	7.56	82	139253	20.091	ng		97
26) 2-Nitrophenol	7.64	139	34094	19.715	ng		99
27) 2,4-Dimethylphenol	7.68	122	51354	19.539	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	86427	20.114	ng		100
29) 2,4-Dichlorophenol	7.89	162	54658	20.155	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	57515	19.674	ng		99
31) Naphthalene	8.04	128	200903	20.396	ng		99
32) Benzoic acid	7.81	122	31968	19.533	ng		89
33) 4-Chloroaniline	8.09	127	84696	20.247	ng		99
34) Hexachlorobutadiene	8.16	225	33714	20.136	ng		97
35) Caprolactam	8.45	113	17806	20.967	ng		87
36) 4-Chloro-3-methylphenol	8.58	107	60698	19.670	ng		99
37) 2-Methylnaphthalene	8.73	142	135076	20.308	ng		99
38) 1-Methylnaphthalene	8.83	142	127306	20.314	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	56668	20.512	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	4714	9.138	ng		95
43) 2,4,6-Trichlorophenol	9.02	196	34821	19.917	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	35816	20.084	ng		97
46) 1,1'-Biphenyl	9.19	154	175242	20.897	ng		99
47) 2-Chloronaphthalene	9.22	162	129709	19.842	ng		99
48) 2-Nitroaniline	9.32	65	41557	19.924	ng		88
49) Acenaphthylene	9.63	152	192051	20.040	ng		99
50) Dimethylphthalate	9.49	163	149712	20.308	ng		99
51) 2,6-Dinitrotoluene	9.56	165	30575	19.732	ng		97
52) Acenaphthene	9.80	154	117333	20.149	ng		98
53) 3-Nitroaniline	9.73	138	38373	20.279	ng		97
54) 2,4-Dinitrophenol	9.87	184	9801	16.509	ng		94
55) Dibenzofuran	9.97	168	175503	20.661	ng		99
56) 4-Nitrophenol	9.92	139	14150	18.790	ng		93
57) 2,4-Dinitrotoluene	9.97	165	42097	20.589	ng		95
58) Fluorene	10.32	166	143554	20.297	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	28291m	20.521	ng		
60) Diethylphthalate	10.19	149	152349	20.502	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	64642	20.643	ng		93
62) 4-Nitroaniline	10.34	138	34522	19.193	ng		96
63) Azobenzene	10.46	77	153165	20.088	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	14824	17.917	ng		91
66) n-Nitrosodiphenylamine	10.42	169	122401	19.894	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	35603	19.708	ng		96
68) Hexachlorobenzene	10.87	284	37637	19.400	ng		93
69) Atrazine	10.95	200	34266	34.345	ng		98
70) Pentachlorophenol	11.07	266	10142	17.474	ng		94
71) Phenanthrene	11.27	178	194732	20.001	ng		99
72) Anthracene	11.33	178	204566	20.353	ng		98
73) Carbazole	11.49	167	184335	20.190	ng		99
74) Di-n-butylphthalate	11.81	149	247132	19.990	ng		99
75) Fluoranthene	12.46	202	200573	20.718	ng		99
77) Benzidine	12.59	184	81589	26.987	ng		99
78) Pyrene	12.69	202	202145	18.708	ng		99
80) Butylbenzylphthalate	13.30	149	103110	18.977	ng		95
81) Benzo(a)anthracene	13.88	228	169997	20.268	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	58733	22.148	ng	#	97
83) Chrysene	13.92	228	162545	19.651	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	144774	18.897	ng	#	96
85) Di-n-octyl phthalate	14.47	149	229427	19.671	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	114383	19.777	ng		100
88) Benzo(b)fluoranthene	14.92	252	134572	19.686	ng		97
89) Benzo(k)fluoranthene	14.94	252	140429	20.671	ng		98
90) Benzo(a)pyrene	15.26	252	121163	20.016	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	95243	18.362	ng		97
92) Benzo(g,h,i)perylene	17.14	276	87793	17.781	ng		97

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

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