Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117556.D
Acq On : 28 Oct 2019 12:32
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/30/2019 4:51:05 PM

Quant Time: Oct 29 16:23:47 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 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	37652	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	162385	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	82606	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	134098	20.00	ng		0.00
76) Chrysene-d12	13.90	240	82617	20.00	ng		0.00
87) Perylene-d12	15.33	264	74504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	227505	89.89	ng		0.00
7) Phenol-d6	6.39	99	293903	86.46	ng		0.00
23) Nitrobenzene-d5	7.30	82	274395	83.42	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	55037	77.00	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	485756	82.85	ng		0.00
79) Terphenyl-d14	12.83	244	438022	86.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	45294	42.567	ng		98
3) Pyridine	3.10	79	105784	40.610	ng		98
4) n-Nitrosodimethylamine	3.06	42	38508	40.749	ng		93
6) Aniline	6.39	93	172568	43.242	ng	#	75
8) 2-Chlorophenol	6.52	128	113890	42.646	ng		98
9) Benzaldehyde	6.28	77	75569	48.077	ng		97
10) Phenol	6.40	94	148322	42.751	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	114106	44.465	ng		99
12) 1,3-Dichlorobenzene	6.67	146	127763	42.870	ng		98
13) 1,4-Dichlorobenzene	6.75	146	130340	43.112	ng		98
14) 1,2-Dichlorobenzene	6.90	146	121994	42.808	ng		99
15) Benzyl Alcohol	6.88	79	104624	43.080	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	118613	42.847	ng	#	41
17) 2-Methylphenol	7.00	107	97661	44.453	ng	#	92
18) Hexachloroethane	7.23	117	50143	42.492	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	87226	42.017	ng		97
20) 3+4-Methylphenols	7.16	107	127708	44.336	ng	#	68
22) Acetophenone	7.15	105	180187	41.788	ng	#	94
24) Nitrobenzene	7.32	77	129885	41.227	ng		97
25) Isophorone	7.56	82	232267	40.819	ng		98
26) 2-Nitrophenol	7.63	139	60695	43.196	ng		99
27) 2,4-Dimethylphenol	7.68	122	89325	42.538	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	146090	41.607	ng		99
29) 2,4-Dichlorophenol	7.89	162	90592	41.130	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	97779	41.368	ng		100
31) Naphthalene	8.03	128	335953	41.739	ng		100
32) Benzoic acid	7.83	122	35028	24.354	ng		97
33) 4-Chloroaniline	8.09	127	143492	42.242	ng		96
34) Hexachlorobutadiene	8.15	225	55689	40.706	ng		96
35) Caprolactam	8.46	113	31213m	44.114	ng		
36) 4-Chloro-3-methylphenol	8.59	107	105430	41.971	ng		98
37) 2-Methylnaphthalene	8.72	142	224622	41.416	ng		100
38) 1-Methylnaphthalene	8.82	142	209594	41.126	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	90928	40.868	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	28742	56.320	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	57418	41.210	ng		100
44) 2,4,5-Trichlorophenol	9.07	196	58793	41.642	ng		95
46) 1,1'-Biphenyl	9.19	154	281776	41.203	ng		99
47) 2-Chloronaphthalene	9.22	162	215939	41.879	ng		96
48) 2-Nitroaniline	9.32	65	71757	42.392	ng		96
49) Acenaphthylene	9.63	152	317115	41.871	ng		98
50) Dimethylphthalate	9.49	163	242552	41.188	ng		99
51) 2,6-Dinitrotoluene	9.56	165	51938	42.265	ng		89
52) Acenaphthene	9.80	154	190531	41.004	ng		99
53) 3-Nitroaniline	9.73	138	64851	43.494	ng		96
54) 2,4-Dinitrophenol	9.87	184	17234	36.495	ng		94
55) Dibenzofuran	9.97	168	280830	41.715	ng		99
56) 4-Nitrophenol	9.93	139	24111	37.446	ng		97
57) 2,4-Dinitrotoluene	9.97	165	70388	43.082	ng		94
58) Fluorene	10.32	166	233984	42.029	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	48044m	43.296	ng		
60) Diethylphthalate	10.19	149	247271	41.513	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	103143	41.295	ng		93
62) 4-Nitroaniline	10.35	138	62314	44.340	ng		97
63) Azobenzene	10.46	77	254722	41.775	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	24843	36.438	ng		95
66) n-Nitrosodiphenylamine	10.42	169	200453	40.889	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	59121	40.931	ng	#	87
68) Hexachlorobenzene	10.87	284	62665	40.511	ng		95
69) Atrazine	10.95	200	43899	35.196	ng		98
70) Pentachlorophenol	11.07	266	17835	38.461	ng		93
71) Phenanthrene	11.27	178	323722	41.574	ng		99
72) Anthracene	11.33	178	327085	40.939	ng		99
73) Carbazole	11.49	167	305514	41.843	ng		99
74) Di-n-butylphthalate	11.80	149	389072	39.881	ng		99
75) Fluoranthene	12.47	202	316598	40.616	ng		97
77) Benzidine	12.59	184	110469	50.984	ng		98
78) Pyrene	12.69	202	316557	44.608	ng		100
80) Butylbenzylphthalate	13.30	149	149994	42.476	ng		98
81) Benzo(a)anthracene	13.89	228	236516	42.441	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	80475	46.019	ng		99
83) Chrysene	13.92	228	228391	41.817	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	199569	40.344	ng		98
85) Di-n-octyl phthalate	14.47	149	308369	40.545	ng		100
86) Indeno(1,2,3-cd)pyrene	16.75	276	179111	43.924	ng		98
88) Benzo(b)fluoranthene	14.92	252	180246	40.969	ng		99
89) Benzo(k)fluoranthene	14.94	252	180921	40.122	ng		97
90) Benzo(a)pyrene	15.27	252	163658	40.914	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	149416	43.199	ng		97
92) Benzo(g,h,i)perylene	17.17	276	144930	44.286	ng		97

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

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