Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
Data File : BF117442.D
Acq On : 18 Oct 2019 16:07
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Oct 18 18:02:09 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	44788	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	192851	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	97143	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	154788	20.00	ng	0.00
76) Chrysene-d12	13.90	240	108873	20.00	ng	0.00
87) Perylene-d12	15.32	264	90598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	255559	87.79	ng	0.00
7) Phenol-d6	6.38	99	343168	88.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	326742	85.88	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	70397	89.04	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	586074	87.96	ng	0.00
79) Terphenyl-d14	12.83	244	545523	81.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	53994	45.057	ng	100
3) Pyridine	3.12	79	128905	42.269	ng	100
4) n-Nitrosodimethylamine	3.08	42	47308	44.021	ng	100
6) Aniline	6.40	93	203276	42.132	ng	100
8) 2-Chlorophenol	6.52	128	135520	41.875	ng	100
9) Benzaldehyde	6.29	77	85224	45.256	ng	100
10) Phenol	6.40	94	174257	41.792	ng	100
11) bis(2-Chloroethyl)ether	6.47	93	126714	39.972	ng	100
12) 1,3-Dichlorobenzene	6.67	146	149127	41.205	ng	100
13) 1,4-Dichlorobenzene	6.75	146	154325	41.831	ng	100
14) 1,2-Dichlorobenzene	6.90	146	144184	41.377	ng	100
15) Benzyl Alcohol	6.89	79	123413	41.766	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	136244	40.930	ng	100
17) 2-Methylphenol	7.00	107	111993	41.453	ng	100
18) Hexachloroethane	7.25	117	59873	41.742	ng	100
19) n-Nitroso-di-n-propylamine	7.16	70	103318	41.955	ng	100
20) 3+4-Methylphenols	7.16	107	145951	41.955	ng	100
22) Acetophenone	7.15	105	215580	42.600	ng	100
24) Nitrobenzene	7.32	77	161402	42.352	ng	100
25) Isophorone	7.56	82	278643	41.115	ng	100
26) 2-Nitrophenol	7.64	139	69747	41.249	ng	100
27) 2,4-Dimethylphenol	7.68	122	104244	40.565	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	175290	41.722	ng	100
29) 2,4-Dichlorophenol	7.89	162	109044	41.124	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	119193	41.698	ng	100
31) Naphthalene	8.04	128	397748	41.299	ng	100
32) Benzoic acid	7.84	122	64907	40.562	ng	100
33) 4-Chloroaniline	8.09	127	166841	40.791	ng	100
34) Hexachlorobutadiene	8.16	225	67964	41.514	ng	100
35) Caprolactam	8.47	113	34617	41.689	ng	100
36) 4-Chloro-3-methylphenol	8.58	107	121315	40.208	ng	100
37) 2-Methylnaphthalene	8.73	142	268389	41.269	ng	100
38) 1-Methylnaphthalene	8.83	142	253858	41.429	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	112228	42.926	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	20521	42.033	ng	100
43) 2,4,6-Trichlorophenol	9.02	196	70627	42.686	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	71404	42.309	ng	100
46) 1,1'-Biphenyl	9.19	154	343273	43.255	ng	100
47) 2-Chloronaphthalene	9.22	162	257276	41.587	ng	100
48) 2-Nitroaniline	9.32	65	84623	42.872	ng	100
49) Acenaphthylene	9.63	152	384060	42.348	ng	100
50) Dimethylphthalate	9.49	163	291659	41.805	ng	100
51) 2,6-Dinitrotoluene	9.56	165	62080	42.335	ng	100
52) Acenaphthene	9.80	154	230738	41.870	ng	100
53) 3-Nitroaniline	9.73	138	75865	42.365	ng	100
54) 2,4-Dinitrophenol	9.86	184	26440	47.059	ng	100
55) Dibenzofuran	9.97	168	336835	41.901	ng	100
56) 4-Nitrophenol	9.91	139	31489	44.186	ng	100
57) 2,4-Dinitrotoluene	9.97	165	82205	42.485	ng	100
58) Fluorene	10.32	166	278743	41.644	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	55947	42.881	ng	100
60) Diethylphthalate	10.19	149	296003	42.091	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	124724	42.087	ng	100
62) 4-Nitroaniline	10.35	138	70931	41.670	ng	100
63) Azobenzene	10.47	77	304854	42.248	ng	100
65) 4,6-Dinitro-2-methylphenol	10.39	198	33202	42.701	ng	100
66) n-Nitrosodiphenylamine	10.43	169	240355	41.566	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	70102	41.291	ng	100
68) Hexachlorobenzene	10.87	284	74746	40.995	ng	100
69) Atrazine	10.96	200	59755	63.729	ng	100
70) Pentachlorophenol	11.07	266	23058	42.272	ng	100
71) Phenanthrene	11.27	178	380688	41.604	ng	100
72) Anthracene	11.33	178	387227	40.994	ng	100
73) Carbazole	11.49	167	351457	40.961	ng	100
74) Di-n-butylphthalate	11.81	149	476149	40.982	ng	100
75) Fluoranthene	12.46	202	378416	41.591	ng	100
77) Benzidine	12.59	184	125794	46.717	ng	100
78) Pyrene	12.69	202	384695	39.974	ng	100
80) Butylbenzylphthalate	13.30	149	191646	39.602	ng	100
81) Benzo(a)anthracene	13.89	228	303868	40.677	ng	100
82) 3,3'-Dichlorobenzidine	13.84	252	101333	42.904	ng	100
83) Chrysene	13.92	228	293401	39.827	ng	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	266969	39.127	ng	100
85) Di-n-octyl phthalate	14.47	149	409613	39.432	ng	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	204367	39.674	ng	100
88) Benzo(b)fluoranthene	14.92	252	220883	39.163	ng	100
89) Benzo(k)fluoranthene	14.94	252	241731	43.126	ng	100
90) Benzo(a)pyrene	15.27	252	207642	41.575	ng	100
91) Dibenzo(a,h)anthracene	16.73	278	174372	40.744	ng	100
92) Benzo(g,h,i)perylene	17.14	276	162472	39.883	ng	100

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

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