Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122419\
Data File : BF118301.D
Acq On : 24 Dec 2019 11:28
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Dec 24 14:49:19 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	6.85	152	136006	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	548797	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	301032	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	573212	20.00	ng		0.00
76) Chrysene-d12	14.04	240	429238	20.00	ng		0.00
87) Perylene-d12	15.53	264	396928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	341456	43.97	ng		0.00
7) Phenol-d6	6.48	99	425127	45.26	ng		0.00
23) Nitrobenzene-d5	7.42	82	396711	40.67	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	155343	42.48	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	863105	43.63	ng		0.00
79) Terphenyl-d14	12.98	244	1064237	42.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	66548	20.325	ng		99
3) Pyridine	3.34	79	173199	20.503	ng		99
4) n-Nitrosodimethylamine	3.28	42	69146	19.027	ng		95
6) Aniline	6.51	93	266689	22.197	ng		99
8) 2-Chlorophenol	6.63	128	191287	21.846	ng		97
9) Benzaldehyde	6.40	77	132296	27.696	ng		93
10) Phenol	6.49	94	232639	21.719	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	169421	21.870	ng		99
12) 1,3-Dichlorobenzene	6.79	146	223731	21.873	ng		98
13) 1,4-Dichlorobenzene	6.87	146	225215	21.866	ng		98
14) 1,2-Dichlorobenzene	7.02	146	217606	22.497	ng		99
15) Benzyl Alcohol	6.99	79	162763	22.200	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	181046	19.437	ng		99
17) 2-Methylphenol	7.10	107	154387	22.169	ng		97
18) Hexachloroethane	7.36	117	82804	21.818	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	130755	22.910	ng		97
20) 3+4-Methylphenols	7.26	107	199834	22.845	ng	#	88
22) Acetophenone	7.26	105	282502	21.427	ng	#	98
24) Nitrobenzene	7.43	77	202408	21.119	ng		99
25) Isophorone	7.67	82	345068	20.867	ng		99
26) 2-Nitrophenol	7.76	139	102506	20.010	ng		94
27) 2,4-Dimethylphenol	7.79	122	143403	20.987	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	228648	21.160	ng		100
29) 2,4-Dichlorophenol	8.00	162	166817	20.942	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	195077	20.955	ng		96
31) Naphthalene	8.16	128	596065	21.626	ng		99
32) Benzoic acid	7.90	122	93268	15.117	ng		92
33) 4-Chloroaniline	8.21	127	249792	20.989	ng		98
34) Hexachlorobutadiene	8.27	225	114181	20.454	ng		96
35) Caprolactam	8.57	113	52551	21.392	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	179756	21.443	ng		98
37) 2-Methylnaphthalene	8.85	142	408995	21.919	ng		99
38) 1-Methylnaphthalene	8.95	142	385834	22.022	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	189510	20.781	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	45933	11.242 ng	94
43) 2,4,6-Trichlorophenol	9.13	196	122074	20.049 ng	99
44) 2,4,5-Trichlorophenol	9.18	196	126438	20.043 ng	95
46) 1,1'-Biphenyl	9.32	154	508369	21.412 ng	98
47) 2-Chloronaphthalene	9.35	162	404737	21.192 ng	97
48) 2-Nitroaniline	9.44	65	111914	20.549 ng	97
49) Acenaphthylene	9.76	152	608432	21.600 ng	100
50) Dimethylphthalate	9.62	163	476664	21.437 ng	99
51) 2,6-Dinitrotoluene	9.68	165	102325	21.163 ng	99
52) Acenaphthene	9.93	154	367938	21.400 ng	98
53) 3-Nitroaniline	9.86	138	117848	20.711 ng	99
54) 2,4-Dinitrophenol	9.97	184	39663	16.489 ng	97
55) Dibenzofuran	10.10	168	558813	22.181 ng	98
56) 4-Nitrophenol	10.02	139	69840	17.686 ng	90
57) 2,4-Dinitrotoluene	10.09	165	139349	21.593 ng	95
58) Fluorene	10.45	166	445040	22.229 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	107346	20.626 ng	98
60) Diethylphthalate	10.32	149	480982	21.955 ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	223367	22.174 ng	97
62) 4-Nitroaniline	10.47	138	124772	21.025 ng	99
63) Azobenzene	10.60	77	411343	21.995 ng	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	57104	18.039 ng	91
66) n-Nitrosodiphenylamine	10.56	169	384710	21.492 ng	98
67) 4-Bromophenyl-phenylether	10.93	248	139353	21.297 ng	96
68) Hexachlorobenzene	11.00	284	166529	21.623 ng	91
69) Atrazine	11.09	200	122692	27.029 ng	97
70) Pentachlorophenol	11.20	266	61808	17.065 ng	97
71) Phenanthrene	11.42	178	674791	22.145 ng	99
72) Anthracene	11.47	178	671952	22.106 ng	99
73) Carbazole	11.62	167	597000	21.890 ng	98
74) Di-n-butylphthalate	11.95	149	762999	22.354 ng	99
75) Fluoranthene	12.61	202	691230	22.188 ng	98
77) Benzidine	12.73	184	230710	20.417 ng	97
78) Pyrene	12.84	202	700491	20.709 ng	99
80) Butylbenzylphthalate	13.45	149	312723	20.414 ng	95
81) Benzo(a)anthracene	14.03	228	630201	21.233 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	233131	23.917 ng	98
83) Chrysene	14.07	228	612451	21.602 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	414635	20.527 ng	99
85) Di-n-octyl phthalate	14.63	149	631124	20.625 ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	451050	18.908 ng	98
88) Benzo(b)fluoranthene	15.09	252	577233	21.989 ng	99
89) Benzo(k)fluoranthene	15.12	252	527450	20.915 ng	99
90) Benzo(a)pyrene	15.47	252	486234	20.972 ng	99
91) Dibenzo(a,h)anthracene	17.04	278	361861	18.197 ng	98
92) Benzo(g,h,i)perylene	17.48	276	341567	17.874 ng	98

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

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