Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
Data File : BF121327.D
Acq On : 19 Aug 2020 19:28
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Aug 20 02:59:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 02:55:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	150480	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	570469	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	294996	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	568435	20.00	ng		0.00
76) Chrysene-d12	13.84	240	442603	20.00	ng		0.00
86) Perylene-d12	15.25	264	419306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	382305	41.56	ng		0.00
7) Phenol-d6	6.33	99	487005	41.50	ng		-0.01
23) Nitrobenzene-d5	7.26	82	403444	40.04	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	143398	40.87	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	776344	42.54	ng		0.00
79) Terphenyl-d14	12.79	244	890841	42.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	80522	19.462	ng		98
3) Pyridine	3.01	79	212251	18.983	ng		97
4) n-Nitrosodimethylamine	2.96	42	89342	19.630	ng		98
6) Aniline	6.35	93	283564	20.878	ng		94
8) 2-Chlorophenol	6.47	128	197695	20.515	ng		98
9) Benzaldehyde	6.24	77	146739	21.046	ng		97
10) Phenol	6.35	94	253281	21.329	ng		91
11) bis(2-Chloroethyl)ether	6.43	93	189010	19.917	ng		99
12) 1,3-Dichlorobenzene	6.63	146	222037	20.508	ng		98
13) 1,4-Dichlorobenzene	6.71	146	224135	20.638	ng		99
14) 1,2-Dichlorobenzene	6.86	146	208423	21.027	ng		98
15) Benzyl Alcohol	6.84	79	152749	20.888	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	283878	20.112	ng		99
17) 2-Methylphenol	6.96	107	159989	20.212	ng		97
18) Hexachloroethane	7.20	117	82868	20.363	ng		97
19) n-Nitroso-di-n-propylamine	7.10	70	129182	19.982	ng		96
20) 3+4-Methylphenols	7.11	107	198208	21.368	ng		96
22) Acetophenone	7.10	105	273097	20.485	ng	#	98
24) Nitrobenzene	7.27	77	205656	20.079	ng		99
25) Isophorone	7.52	82	355974	19.207	ng		99
26) 2-Nitrophenol	7.59	139	102820	19.352	ng		95
27) 2,4-Dimethylphenol	7.64	122	151075	20.005	ng		96
28) bis(2-Chloroethoxy)methane	7.73	93	247638	19.720	ng		99
29) 2,4-Dichlorophenol	7.84	162	164042	20.051	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	189086	20.234	ng		100
31) Naphthalene	8.00	128	581201	20.661	ng		99
32) Benzoic acid	7.76	122	88740	17.593	ng		99
33) 4-Chloroaniline	8.05	127	246582	19.623	ng		99
34) Hexachlorobutadiene	8.12	225	113576	20.402	ng		99
35) Caprolactam	8.41	113	51498	18.755	ng		97
36) 4-Chloro-3-methylphenol	8.53	107	165466	19.640	ng		99
37) 2-Methylnaphthalene	8.69	142	377904	20.340	ng		100
38) 1-Methylnaphthalene	8.79	142	360973	20.546	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	180585	20.784	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	49481	17.989 ng	99
43) 2,4,6-Trichlorophenol	8.97	196	121173	20.225 ng	100
44) 2,4,5-Trichlorophenol	9.01	196	125600	20.398 ng	97
46) 1,1'-Biphenyl	9.15	154	463241	21.002 ng	98
47) 2-Chloronaphthalene	9.17	162	376270	20.839 ng	98
48) 2-Nitroaniline	9.27	65	113399	19.757 ng	92
49) Acenaphthylene	9.59	152	565000	20.958 ng	100
50) Dimethylphthalate	9.45	163	426621	19.538 ng	100
51) 2,6-Dinitrotoluene	9.52	165	92474	19.908 ng	99
52) Acenaphthene	9.76	154	337925	20.623 ng	98
53) 3-Nitroaniline	9.69	138	115020	20.085 ng	96
54) 2,4-Dinitrophenol	9.80	184	38824	17.496 ng	94
55) Dibenzofuran	9.93	168	517833	21.535 ng	100
56) 4-Nitrophenol	9.85	139	70374	19.908 ng	98
57) 2,4-Dinitrotoluene	9.92	165	119267	21.143 ng	98
58) Fluorene	10.27	166	392904	21.536 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	105101	19.880 ng	99
60) Diethylphthalate	10.15	149	428058	19.913 ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	197556	21.381 ng	99
62) 4-Nitroaniline	10.29	138	117533	20.029 ng	97
63) Azobenzene	10.43	77	397662	20.108 ng	97
65) 4,6-Dinitro-2-methylphenol	10.33	198	59267	19.240 ng	98
66) n-Nitrosodiphenylamine	10.39	169	352920	20.183 ng	99
67) 4-Bromophenyl-phenylether	10.76	248	125997	19.823 ng	97
68) Hexachlorobenzene	10.82	284	143152	19.762 ng	97
69) Atrazine	10.92	200	109003	19.789 ng	99
70) Pentachlorophenol	11.02	266	62059	18.750 ng	99
71) Phenanthrene	11.23	178	588515	20.836 ng	99
72) Anthracene	11.28	178	589814	20.959 ng	100
73) Carbazole	11.44	167	562928	20.924 ng	99
74) Di-n-butylphthalate	11.77	149	673764	19.775 ng	99
75) Fluoranthene	12.42	202	640218	20.522 ng	98
77) Benzidine	12.54	184	232078	22.503 ng	100
78) Pyrene	12.65	202	660823	20.412 ng	99
80) Butylbenzylphthalate	13.27	149	276646	18.503 ng	97
81) Benzo(a)anthracene	13.83	228	546730	21.089 ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	215042	20.044 ng	98
83) Chrysene	13.87	228	568985	20.311 ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	347208	19.373 ng	100
85) Di-n-octyl phthalate	14.44	149	626672	18.321 ng	100
87) Indeno(1,2,3-cd)pyrene	16.60	276	492054	19.051 ng	100
88) Benzo(b)fluoranthene	14.85	252	523228	19.599 ng	98
89) Benzo(k)fluoranthene	14.87	252	505999	20.971 ng	99
90) Benzo(a)pyrene	15.19	252	465746	19.969 ng	98
91) Dibenzo(a,h)anthracene	16.61	278	413765	19.533 ng	98
92) Benzo(g,h,i)perylene	17.00	276	387407	18.821 ng	99

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

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