Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
Data File : BF121326.D
Acq On : 19 Aug 2020 18:57
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Aug 20 02:58:02 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	142996	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	541723	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	284727	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	553755	20.00	ng		0.00
76) Chrysene-d12	13.84	240	465023	20.00	ng		0.00
86) Perylene-d12	15.25	264	454880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	209199	23.93	ng		0.00
7) Phenol-d6	6.33	99	268633	24.09	ng		-0.01
23) Nitrobenzene-d5	7.25	82	220794	23.08	ng		-0.01
42) 2,4,6-Tribromophenol	10.51	330	78068	23.05	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	454861	25.82	ng		0.00
79) Terphenyl-d14	12.79	244	552517	24.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	45930	11.682	ng		96
3) Pyridine	3.02	79	117400	11.050	ng		99
4) n-Nitrosodimethylamine	2.96	42	44408	10.268	ng	#	99
6) Aniline	6.35	93	153759	11.913	ng	#	88
8) 2-Chlorophenol	6.47	128	107225	11.709	ng		98
9) Benzaldehyde	6.24	77	82725	12.486	ng		97
10) Phenol	6.34	94	139713	12.381	ng		80
11) bis(2-Chloroethyl)ether	6.43	93	101591	11.265	ng		98
12) 1,3-Dichlorobenzene	6.63	146	120659	11.728	ng		99
13) 1,4-Dichlorobenzene	6.71	146	121601	11.783	ng		99
14) 1,2-Dichlorobenzene	6.86	146	115154	12.226	ng		97
15) Benzyl Alcohol	6.83	79	85119	12.249	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	154665	11.531	ng		98
17) 2-Methylphenol	6.95	107	87701	11.659	ng		98
18) Hexachloroethane	7.20	117	44498	11.507	ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	72832	11.856	ng		99
20) 3+4-Methylphenols	7.11	107	111251	12.621	ng		90
22) Acetophenone	7.10	105	152499	12.046	ng	#	98
24) Nitrobenzene	7.27	77	110425	11.353	ng		98
25) Isophorone	7.51	82	193235	10.979	ng		98
26) 2-Nitrophenol	7.59	139	53694	10.642	ng		95
27) 2,4-Dimethylphenol	7.63	122	79976	11.152	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	133917	11.230	ng		99
29) 2,4-Dichlorophenol	7.84	162	88009	11.328	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	103300	11.641	ng		98
31) Naphthalene	7.99	128	322283	12.065	ng		99
32) Benzoic acid	7.74	122	31010	6.474	ng		99
33) 4-Chloroaniline	8.05	127	133793	11.212	ng		96
34) Hexachlorobutadiene	8.12	225	61708	11.673	ng		99
35) Caprolactam	8.39	113	27564	10.571	ng		98
36) 4-Chloro-3-methylphenol	8.53	107	89179	11.147	ng		99
37) 2-Methylnaphthalene	8.69	142	209377	11.867	ng		99
38) 1-Methylnaphthalene	8.79	142	198424	11.893	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	99570	11.873	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	17927	6.753	ng		97
43) 2,4,6-Trichlorophenol	8.97	196	64330	11.125	ng		98
44) 2,4,5-Trichlorophenol	9.01	196	65891	11.087	ng		97
46) 1,1'-Biphenyl	9.15	154	257251	12.083	ng		98
47) 2-Chloronaphthalene	9.17	162	205864	11.813	ng		97
48) 2-Nitroaniline	9.27	65	60590	10.937	ng		96
49) Acenaphthylene	9.59	152	314858	12.101	ng		98
50) Dimethylphthalate	9.45	163	234818	11.142	ng		99
51) 2,6-Dinitrotoluene	9.51	165	48629	10.847	ng		89
52) Acenaphthene	9.76	154	189751	11.998	ng		97
53) 3-Nitroaniline	9.68	138	61366	11.102	ng		96
54) 2,4-Dinitrophenol	9.80	184	18881	8.816	ng		99
55) Dibenzofuran	9.93	168	292216	12.591	ng		100
56) 4-Nitrophenol	9.85	139	35438	10.387	ng		99
57) 2,4-Dinitrotoluene	9.92	165	64092	11.772	ng		95
58) Fluorene	10.27	166	223796	12.709	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	55883	10.952	ng		98
60) Diethylphthalate	10.15	149	237968	11.470	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	115147	12.912	ng		99
62) 4-Nitroaniline	10.29	138	63780	11.261	ng		97
63) Azobenzene	10.42	77	222343	11.648	ng		97
65) 4,6-Dinitro-2-methylphenol	10.33	198	27649	9.214	ng		90
66) n-Nitrosodiphenylamine	10.38	169	196306	11.524	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	70265	11.348	ng		94
68) Hexachlorobenzene	10.82	284	82707	11.721	ng		97
69) Atrazine	10.91	200	60638	11.300	ng		99
70) Pentachlorophenol	11.02	266	28225	8.754	ng		94
71) Phenanthrene	11.23	178	337983	12.284	ng		99
72) Anthracene	11.28	178	329955	12.036	ng		100
73) Carbazole	11.44	167	316753	12.086	ng		98
74) Di-n-butylphthalate	11.77	149	383793	11.563	ng		99
75) Fluoranthene	12.42	202	370339	12.186	ng		99
77) Benzidine	12.54	184	129337	11.936	ng		99
78) Pyrene	12.65	202	381660	11.221	ng		99
80) Butylbenzylphthalate	13.27	149	160686	10.229	ng		96
81) Benzo(a)anthracene	13.83	228	337402	12.387	ng		99
82) 3,3'-Dichlorobenzidine	13.80	252	125043	11.093	ng	#	98
83) Chrysene	13.87	228	338253	11.493	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	211420	11.228	ng		100
85) Di-n-octyl phthalate	14.44	149	367622	10.229	ng		99
87) Indeno(1,2,3-cd)pyrene	16.60	276	307970	10.992	ng		100
88) Benzo(b)fluoranthene	14.85	252	322261	11.127	ng		98
89) Benzo(k)fluoranthene	14.87	252	303504	11.595	ng		98
90) Benzo(a)pyrene	15.19	252	280722	11.095	ng		100
91) Dibenzo(a,h)anthracene	16.61	278	258186	11.235	ng		97
92) Benzo(g,h,i)perylene	17.00	276	241723	10.825	ng		100

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

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