Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119408.D
Acq On : 18 Mar 2020 11:14
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Mar 18 14:33:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 14:23:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	260582	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1003241	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	504838	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	942288	20.00	ng		0.00
76) Chrysene-d12	14.03	240	748187	20.00	ng		0.00
87) Perylene-d12	15.50	264	780896	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	433557	27.81	ng		0.00
7) Phenol-d6	6.46	99	554848	29.26	ng		-0.01
23) Nitrobenzene-d5	7.42	82	396846	20.89	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	120274	18.21	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	900261	26.27	ng		0.00
79) Terphenyl-d14	12.97	244	984228	22.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	101923	14.681	ng		99
3) Pyridine	3.35	79	276660	14.592	ng		99
4) n-Nitrosodimethylamine	3.28	42	129288	22.510	ng	#	98
6) Aniline	6.51	93	358126	15.305	ng		98
8) 2-Chlorophenol	6.63	128	222738	13.237	ng		99
9) Benzaldehyde	6.40	77	179541	14.171	ng		99
10) Phenol	6.47	94	293212	14.301	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	232219	14.803	ng		98
12) 1,3-Dichlorobenzene	6.79	146	244103	12.103	ng		100
13) 1,4-Dichlorobenzene	6.87	146	244764	12.127	ng		97
14) 1,2-Dichlorobenzene	7.03	146	232752	12.645	ng		97
15) Benzyl Alcohol	6.99	79	196203	14.315	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	463672	34.120	ng		100
17) 2-Methylphenol	7.09	107	198008	14.514	ng		98
18) Hexachloroethane	7.37	117	83752	11.599	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	158461	14.340	ng		92
20) 3+4-Methylphenols	7.25	107	257218	15.389	ng	#	86
22) Acetophenone	7.26	105	303877	13.091	ng		97
24) Nitrobenzene	7.43	77	221471	11.787	ng		97
25) Isophorone	7.67	82	440285	13.342	ng		97
26) 2-Nitrophenol	7.75	139	62890	6.317	ng		93
27) 2,4-Dimethylphenol	7.79	122	192944	14.280	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	266589	12.412	ng		98
29) 2,4-Dichlorophenol	7.99	162	172825	10.865	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	198338	10.517	ng		99
31) Naphthalene	8.16	128	668554	12.849	ng		99
32) Benzoic acid	7.85	122	77924	8.465	ng		97
33) 4-Chloroaniline	8.20	127	292578	13.074	ng		99
34) Hexachlorobutadiene	8.29	225	108709	9.254	ng		94
35) Caprolactam	8.54	113	53703	10.965	ng	#	84
36) 4-Chloro-3-methylphenol	8.67	107	190369	11.826	ng		94
37) 2-Methylnaphthalene	8.86	142	429467	12.265	ng		99
38) 1-Methylnaphthalene	8.96	142	405196	12.305	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	189467	11.131	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	95248	19.081	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	123880	11.525	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	141208	12.519	ng		99
46) 1,1'-Biphenyl	9.32	154	530826	13.010	ng		97
47) 2-Chloronaphthalene	9.35	162	409612	12.458	ng		95
48) 2-Nitroaniline	9.43	65	102807	11.210	ng		99
49) Acenaphthylene	9.76	152	656191	13.818	ng		98
50) Dimethylphthalate	9.62	163	441946	11.448	ng		100
51) 2,6-Dinitrotoluene	9.67	165	76034	8.865	ng		97
52) Acenaphthene	9.93	154	391826	13.684	ng		99
53) 3-Nitroaniline	9.84	138	101097	10.633	ng	#	91
54) 2,4-Dinitrophenol	9.95	184	17195	4.863	ng	#	63
55) Dibenzofuran	10.10	168	589205	13.786	ng		97
56) 4-Nitrophenol	9.99	139	74653	13.068	ng		96
57) 2,4-Dinitrotoluene	10.07	165	86849	7.812	ng	#	87
58) Fluorene	10.44	166	443165	13.344	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	99478	10.452	ng		97
60) Diethylphthalate	10.32	149	441580	12.138	ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	212385	12.082	ng		95
62) 4-Nitroaniline	10.45	138	96762	9.947	ng		93
63) Azobenzene	10.60	77	449421	14.212	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	25915	4.545	ng		81
66) n-Nitrosodiphenylamine	10.56	169	391072	12.675	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	133307	10.823	ng		94
68) Hexachlorobenzene	11.00	284	137761	9.701	ng	#	89
69) Atrazine	11.08	200	105145	9.754	ng		97
70) Pentachlorophenol	11.19	266	68009	11.889	ng		97
71) Phenanthrene	11.41	178	647162	12.594	ng		98
72) Anthracene	11.46	178	654121	12.740	ng		98
73) Carbazole	11.62	167	645573	14.113	ng		98
74) Di-n-butylphthalate	11.95	149	660665	11.927	ng		100
75) Fluoranthene	12.60	202	701052	12.852	ng		99
77) Benzidine	12.72	184	396056	13.016	ng		97
78) Pyrene	12.83	202	729103	12.136	ng		99
80) Butylbenzylphthalate	13.45	149	249449	9.865	ng		97
81) Benzo(a)anthracene	14.02	228	616605	12.095	ng		97
82) 3,3'-Dichlorobenzidine	13.98	252	234026	11.822	ng		99
83) Chrysene	14.05	228	629516	12.393	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	336405	10.531	ng	#	99
85) Di-n-octyl phthalate	14.63	149	558063	10.965	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	621749	12.641	ng		99
88) Benzo(b)fluoranthene	15.06	252	620277	12.051	ng		98
89) Benzo(k)fluoranthene	15.09	252	597917	12.535	ng		98
90) Benzo(a)pyrene	15.43	252	562879	12.117	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	522137	12.774	ng		97
92) Benzo(g,h,i)perylene	17.40	276	507538	12.567	ng		99

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

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