Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121267.D
Acq On : 13 Aug 2020 12:00
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
Sohil
8/14/2020 2:53:22 PM

Quant Time: Aug 13 13:46:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 13:23:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	41820	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	159546	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	84911	20.00	ng		0.00
64) Phenanthrene-d10	11.23	188	164466	20.00	ng		0.00
76) Chrysene-d12	13.87	240	153207	20.00	ng		0.00
86) Perylene-d12	15.29	264	160960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	116620	43.07	ng		0.00
7) Phenol-d6	6.35	99	150945	43.26	ng		0.00
23) Nitrobenzene-d5	7.28	82	120040	41.02	ng		0.00
42) 2,4,6-Tribromophenol	10.54	330	41794	40.99	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	262756	43.96	ng		0.00
79) Terphenyl-d14	12.82	244	335702	43.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	24176	20.756	ng		99
3) Pyridine	2.99	79	63052m	20.688	ng		
4) n-Nitrosodimethylamine	2.91	42	24750	19.699	ng		99
6) Aniline	6.38	93	87924	21.190	ng		99
8) 2-Chlorophenol	6.50	128	62624	20.936	ng		99
9) Benzaldehyde	6.27	77	41231	22.116	ng		99
10) Phenol	6.37	94	81830	21.640	ng		95
11) bis(2-Chloroethyl)ether	6.45	93	58261	21.148	ng		98
12) 1,3-Dichlorobenzene	6.66	146	66441	21.094	ng		96
13) 1,4-Dichlorobenzene	6.74	146	67704	21.141	ng		99
14) 1,2-Dichlorobenzene	6.89	146	64308	21.286	ng		99
15) Benzyl Alcohol	6.86	79	50566	21.427	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	82427	20.794	ng		99
17) 2-Methylphenol	6.98	107	49942	20.936	ng		99
18) Hexachloroethane	7.23	117	23403	20.519	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	42642	21.871	ng		96
20) 3+4-Methylphenols	7.13	107	65454	22.008	ng	#	72
22) Acetophenone	7.13	105	87026	21.675	ng		97
24) Nitrobenzene	7.30	77	64720	20.143	ng		98
25) Isophorone	7.55	82	119822	20.453	ng		98
26) 2-Nitrophenol	7.62	139	30409	19.616	ng		98
27) 2,4-Dimethylphenol	7.66	122	51038	20.701	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	66309	20.167	ng		98
29) 2,4-Dichlorophenol	7.87	162	51827	20.512	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	56857	20.719	ng		100
31) Naphthalene	8.03	128	187517	21.113	ng		99
32) Benzoic acid	7.75	122	18110	16.132	ng		94
33) 4-Chloroaniline	8.08	127	74367	20.399	ng		99
34) Hexachlorobutadiene	8.15	225	34792	20.863	ng		99
35) Caprolactam	8.41	113	15234	19.807	ng		91
36) 4-Chloro-3-methylphenol	8.56	107	52451	20.331	ng		97
37) 2-Methylnaphthalene	8.72	142	124285	21.145	ng		98
38) 1-Methylnaphthalene	8.82	142	115474	20.918	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	58153	20.842	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	9811	16.015	ng		96
43) 2,4,6-Trichlorophenol	9.00	196	35725	20.261	ng		100
44) 2,4,5-Trichlorophenol	9.04	196	39079	20.332	ng		99
46) 1,1'-Biphenyl	9.18	154	150544	20.980	ng		99
47) 2-Chloronaphthalene	9.20	162	116339	20.936	ng		98
48) 2-Nitroaniline	9.30	65	31943	19.887	ng	#	79
49) Acenaphthylene	9.62	152	183751	20.754	ng		99
50) Dimethylphthalate	9.47	163	130263	20.282	ng		100
51) 2,6-Dinitrotoluene	9.54	165	28000	19.437	ng		87
52) Acenaphthene	9.79	154	108737	20.766	ng		99
53) 3-Nitroaniline	9.71	138	31569	19.339	ng		99
54) 2,4-Dinitrophenol	9.83	184	7365	15.330	ng		91
55) Dibenzofuran	9.96	168	177194	21.357	ng		98
56) 4-Nitrophenol	9.88	139	19209	20.742	ng		98
57) 2,4-Dinitrotoluene	9.95	165	37025	19.854	ng		95
58) Fluorene	10.30	166	133295	21.142	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.08	232	32248	21.470	ng		94
60) Diethylphthalate	10.17	149	132703	20.404	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	64665	20.847	ng		99
62) 4-Nitroaniline	10.32	138	32543	19.817	ng		96
63) Azobenzene	10.46	77	133205	20.573	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	15414	17.691	ng		84
66) n-Nitrosodiphenylamine	10.41	169	116521	20.775	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	39122	20.549	ng		98
68) Hexachlorobenzene	10.85	284	45091	21.052	ng		97
69) Atrazine	10.94	200	34628	20.194	ng		99
70) Pentachlorophenol	11.05	266	13018	18.690	ng	#	91
71) Phenanthrene	11.26	178	196908	21.278	ng		100
72) Anthracene	11.31	178	198627	21.362	ng		100
73) Carbazole	11.47	167	193597	21.145	ng		99
74) Di-n-butylphthalate	11.80	149	213355	20.217	ng		99
75) Fluoranthene	12.45	202	219433	21.012	ng		99
77) Benzidine	12.57	184	73077	16.824	ng		98
78) Pyrene	12.67	202	228064	20.183	ng		99
80) Butylbenzylphthalate	13.30	149	89312	18.463	ng		96
81) Benzo(a)anthracene	13.86	228	218748	20.783	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	84383	20.291	ng		99
83) Chrysene	13.90	228	215044	20.682	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	130680	18.636	ng		99
85) Di-n-octyl phthalate	14.47	149	226288	18.206	ng		100
87) Indeno(1,2,3-cd)pyrene	16.66	276	255824	21.210	ng		99
88) Benzo(b)fluoranthene	14.88	252	227494	21.503	ng		99
89) Benzo(k)fluoranthene	14.91	252	204386	20.452	ng		99
90) Benzo(a)pyrene	15.23	252	202607	20.856	ng		99
91) Dibenzo(a,h)anthracene	16.67	278	220140	21.445	ng		99
92) Benzo(g,h,i)perylene	17.07	276	218060	21.349	ng		98

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

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