Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118500.D
Acq On : 8 Jan 2020 14:09
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:37 PM

Quant Time: Jan 08 16:06:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 14:21:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88792	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	388303	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	206506	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	372850	20.00	ng		0.00
76) Chrysene-d12	14.04	240	227411	20.00	ng		0.00
87) Perylene-d12	15.52	264	208475	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	799756	161.69	ng		0.00
7) Phenol-d6	6.49	99	955411	151.33	ng		0.01
23) Nitrobenzene-d5	7.42	82	979652	136.66	ng		0.01
42) 2,4,6-Tribromophenol	10.69	330	385350	153.23	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2087649	149.24	ng		0.00
79) Terphenyl-d14	12.97	244	2282305	153.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	135093	80.765	ng		99
3) Pyridine	3.30	79	388645	84.520	ng		98
4) n-Nitrosodimethylamine	3.28	42	193621	87.125	ng		95
6) Aniline	6.51	93	588043	75.384	ng		97
8) 2-Chlorophenol	6.63	128	449659	77.989	ng		98
10) Phenol	6.50	94	539844	76.713	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	387432	79.514	ng		98
12) 1,3-Dichlorobenzene	6.77	146	522898	76.759	ng		96
13) 1,4-Dichlorobenzene	6.85	146	529070	76.583	ng		97
14) 1,2-Dichlorobenzene	7.01	146	496756	76.618	ng		99
15) Benzyl Alcohol	6.99	79	396191	78.292	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	415763	76.406	ng		99
17) 2-Methylphenol	7.10	107	353363	75.585	ng	#	92
18) Hexachloroethane	7.35	117	199192	78.426	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	313609	79.830	ng		99
20) 3+4-Methylphenols	7.26	107	475589	77.621	ng		95
22) Acetophenone	7.26	105	670817	67.365	ng	#	95
24) Nitrobenzene	7.43	77	480903	67.837	ng		95
25) Isophorone	7.67	82	893874	73.140	ng		99
26) 2-Nitrophenol	7.75	139	284480	75.084	ng		98
27) 2,4-Dimethylphenol	7.79	122	375307	75.657	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	591452	76.494	ng		99
29) 2,4-Dichlorophenol	7.99	162	443552	75.828	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	518082	74.845	ng		99
31) Naphthalene	8.15	128	1542017	75.513	ng		100
32) Benzoic acid	7.96	122	306754	88.739	ng		100
33) 4-Chloroaniline	8.20	127	628281	73.369	ng		99
34) Hexachlorobutadiene	8.26	225	302252	73.195	ng		100
35) Caprolactam	8.61	113	116193m	62.923	ng		
36) 4-Chloro-3-methylphenol	8.70	107	404113	65.651	ng		99
37) 2-Methylnaphthalene	8.84	142	981759	70.328	ng		97
38) 1-Methylnaphthalene	8.94	142	954751	71.460	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	482926	77.302	ng		99
41) Hexachlorocyclopentadiene	8.99	237	144239	127.551	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.13	196	313648	78.611	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	319983	78.783	ng	99
46) 1,1'-Biphenyl	9.31	154	1276559	77.225	ng	98
47) 2-Chloronaphthalene	9.34	162	982601	74.167	ng	96
48) 2-Nitroaniline	9.44	65	270464	70.655	ng	95
49) Acenaphthylene	9.75	152	1512536	76.788	ng	99
50) Dimethylphthalate	9.61	163	1204896	75.791	ng	99
51) 2,6-Dinitrotoluene	9.69	165	260871	80.071	ng	86
52) Acenaphthene	9.93	154	924075	74.505	ng	98
53) 3-Nitroaniline	9.86	138	310062	77.756	ng	91
54) 2,4-Dinitrophenol	9.97	184	124158	90.105	ng	97
55) Dibenzofuran	10.10	168	1324115	75.405	ng	99
56) 4-Nitrophenol	10.03	139	169957	88.624	ng	96
57) 2,4-Dinitrotoluene	10.10	165	347427	77.509	ng	98
58) Fluorene	10.45	166	1057844	73.467	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	255856	75.930	ng	99
60) Diethylphthalate	10.32	149	1177148	75.300	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	534455	74.265	ng	92
62) 4-Nitroaniline	10.49	138	286382	70.170	ng	100
63) Azobenzene	10.59	77	1007212	74.919	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	172628	80.901	ng	87
66) n-Nitrosodiphenylamine	10.56	169	938377	73.500	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	345936	73.180	ng	98
68) Hexachlorobenzene	11.00	284	407800	72.507	ng	96
70) Pentachlorophenol	11.19	266	141227	80.805	ng	99
71) Phenanthrene	11.41	178	1579321	76.757	ng	99
72) Anthracene	11.46	178	1555823	74.701	ng	100
73) Carbazole	11.62	167	1355885	71.000	ng	99
74) Di-n-butylphthalate	11.94	149	1765728	70.501	ng	100
75) Fluoranthene	12.60	202	1590878	73.385	ng	99
77) Benzidine	12.73	184	442849	68.895	ng	96
78) Pyrene	12.84	202	1529131	77.856	ng	100
80) Butylbenzylphthalate	13.45	149	685905	79.268	ng	96
81) Benzo(a)anthracene	14.03	228	1244237	76.900	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	410539	79.979	ng	99
83) Chrysene	14.07	228	1198488	77.265	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	936252	86.476	ng	98
85) Di-n-octyl phthalate	14.62	149	1311508	78.719	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1162679	104.917	ng	99
88) Benzo(b)fluoranthene	15.09	252	1062166	73.246	ng	99
89) Benzo(k)fluoranthene	15.12	252	1074375	75.279	ng	98
90) Benzo(a)pyrene	15.47	252	985290	74.521	ng	98
91) Dibenzo(a,h)anthracene	17.04	278	950035	92.142	ng	98
92) Benzo(g,h,i)perylene	17.49	276	916912	85.729	ng	98

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

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