Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118962.D
Acq On : 20 Feb 2020 15:59
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
2/21/2020 2:18:45 PM

Quant Time: Feb 20 17:14:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 15:19:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	165542	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	570085	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	311294	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	575380	20.00	ng		0.00
76) Chrysene-d12	13.92	240	394985	20.00	ng		0.00
87) Perylene-d12	15.33	264	375697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1460051	167.97	ng		0.00
7) Phenol-d6	6.42	99	1761193	160.28	ng		0.01
23) Nitrobenzene-d5	7.34	82	1675484	163.46	ng		0.01
42) 2,4,6-Tribromophenol	10.59	330	639033	165.71	ng		0.01
45) 2-Fluorobiphenyl	9.13	172	2843431	147.54	ng		0.00
79) Terphenyl-d14	12.86	244	3428416	170.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	345468	88.692	ng		99
3) Pyridine	3.17	79	949421	88.274	ng		99
4) n-Nitrosodimethylamine	3.14	42	296369	89.476	ng		97
6) Aniline	6.44	93	1084860	75.496	ng		99
8) 2-Chlorophenol	6.56	128	787052	74.923	ng		96
9) Benzaldehyde	6.32	77	592329	90.268	ng		99
10) Phenol	6.43	94	944157	75.158	ng		95
11) bis(2-Chloroethyl)ether	6.51	93	756379	76.674	ng		99
12) 1,3-Dichlorobenzene	6.71	146	939909	74.586	ng		100
13) 1,4-Dichlorobenzene	6.78	146	950036	75.197	ng		97
14) 1,2-Dichlorobenzene	6.94	146	843405	72.692	ng		99
15) Benzyl Alcohol	6.92	79	645451	75.310	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	656913	73.850	ng		99
17) 2-Methylphenol	7.03	107	656118	76.248	ng		96
18) Hexachloroethane	7.27	117	347554	76.573	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	523819	74.718	ng		98
20) 3+4-Methylphenols	7.19	107	716269	71.327	ng		89
22) Acetophenone	7.18	105	995116	80.207	ng	#	98
24) Nitrobenzene	7.35	77	836356	80.580	ng		98
25) Isophorone	7.60	82	1504179	81.956	ng		99
26) 2-Nitrophenol	7.67	139	455400	82.158	ng		98
27) 2,4-Dimethylphenol	7.71	122	602936	81.277	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	944408	78.660	ng		99
29) 2,4-Dichlorophenol	7.91	162	698477	78.951	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	809653	78.006	ng		98
31) Naphthalene	8.07	128	2213217	76.608	ng		98
32) Benzoic acid	7.87	122	483462	90.217	ng		97
33) 4-Chloroaniline	8.12	127	963717	77.916	ng		99
34) Hexachlorobutadiene	8.19	225	509166	79.291	ng		97
35) Caprolactam	8.52	113	233508m	87.237	ng		
36) 4-Chloro-3-methylphenol	8.61	107	717493	81.160	ng		100
37) 2-Methylnaphthalene	8.76	142	1497732	77.716	ng		98
38) 1-Methylnaphthalene	8.86	142	1408025	77.911	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	782127	78.316	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	305627	101.990	ng		97
43) 2,4,6-Trichlorophenol	9.04	196	522064	79.214	ng		98
44) 2,4,5-Trichlorophenol	9.09	196	547367	80.103	ng		96
46) 1,1'-Biphenyl	9.23	154	1852859	77.422	ng		98
47) 2-Chloronaphthalene	9.25	162	1519307	76.496	ng		97
48) 2-Nitroaniline	9.34	65	450679	81.097	ng		97
49) Acenaphthylene	9.66	152	2173458	76.642	ng		98
50) Dimethylphthalate	9.53	163	1855068	78.931	ng		100
51) 2,6-Dinitrotoluene	9.59	165	420982	80.196	ng		92
52) Acenaphthene	9.83	154	1323450	76.665	ng		99
53) 3-Nitroaniline	9.76	138	463927	80.302	ng		100
54) 2,4-Dinitrophenol	9.87	184	206725	88.538	ng		95
55) Dibenzofuran	10.00	168	1920403	74.526	ng		96
56) 4-Nitrophenol	9.93	139	296837	83.406	ng		95
57) 2,4-Dinitrotoluene	10.00	165	529491	77.974	ng	#	91
58) Fluorene	10.35	166	1493635	74.792	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	464183	79.038	ng		100
60) Diethylphthalate	10.23	149	1720462	77.653	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	785575	73.925	ng		97
62) 4-Nitroaniline	10.38	138	477426	80.272	ng		99
63) Azobenzene	10.50	77	1496029	76.780	ng		97
65) 4,6-Dinitro-2-methylphenol	10.41	198	295472	83.325	ng		99
66) n-Nitrosodiphenylamine	10.46	169	1404148	77.058	ng		100
67) 4-Bromophenyl-phenylether	10.83	248	571861	77.418	ng		98
68) Hexachlorobenzene	10.90	284	667488	78.932	ng		99
69) Atrazine	10.99	200	509683	83.568	ng		100
70) Pentachlorophenol	11.09	266	309030	85.359	ng		99
71) Phenanthrene	11.30	178	2316347	76.666	ng		98
72) Anthracene	11.36	178	2298973	76.051	ng		98
73) Carbazole	11.51	167	2087075	77.028	ng		99
74) Di-n-butylphthalate	11.84	149	2539687	73.875	ng		98
75) Fluoranthene	12.49	202	2442696	72.578	ng		99
77) Benzidine	12.61	184	1225810	96.935	ng	#	95
78) Pyrene	12.72	202	2459228	86.275	ng		98
80) Butylbenzylphthalate	13.33	149	1093257	87.525	ng		98
81) Benzo(a)anthracene	13.90	228	2057191	84.992	ng		98
82) 3,3'-Dichlorobenzidine	13.87	252	810464	86.051	ng		98
83) Chrysene	13.94	228	2063113	85.022	ng		98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1316767	83.193	ng		99
85) Di-n-octyl phthalate	14.50	149	2124635	83.261	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	1938710	81.180	ng		98
88) Benzo(b)fluoranthene	14.93	252	1963777	77.538	ng		99
89) Benzo(k)fluoranthene	14.96	252	1908295	84.788	ng		99
90) Benzo(a)pyrene	15.28	252	1764878	80.882	ng		99
91) Dibenzo(a,h)anthracene	16.76	278	1562569	79.012	ng		98
92) Benzo(g,h,i)perylene	17.17	276	1585449	81.252	ng		99

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

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