Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
Data File : BF119087.D
Acq On : 26 Feb 2020 11:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/27/2020 4:58:20 PM

Quant Time: Feb 26 16:14:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	241516	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	912298	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	521997	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	968584	20.00	ng	0.00
76) Chrysene-d12	13.90	240	681020	20.00	ng	0.00
87) Perylene-d12	15.32	264	636918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1102399	76.28	ng	0.00
7) Phenol-d6	6.40	99	1385041	78.80	ng	0.00
23) Nitrobenzene-d5	7.32	82	1356308	78.50	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	565716	82.85	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2552717	72.04	ng	0.00
79) Terphenyl-d14	12.85	244	3104534	78.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	230450	35.815	ng	100
3) Pyridine	3.16	79	656373	37.352	ng	100
4) n-Nitrosodimethylamine	3.12	42	217318	40.824	ng	100
6) Aniline	6.42	93	846328	39.024	ng	100
8) 2-Chlorophenol	6.54	128	619656	39.731	ng	100
9) Benzaldehyde	6.30	77	406507	34.617	ng	100
10) Phenol	6.42	94	735073	38.682	ng	100
11) bis(2-Chloroethyl)ether	6.49	93	590209	40.592	ng	100
12) 1,3-Dichlorobenzene	6.69	146	734646	39.300	ng	100
13) 1,4-Dichlorobenzene	6.76	146	735748	39.332	ng	100
14) 1,2-Dichlorobenzene	6.92	146	667664	39.136	ng	100
15) Benzyl Alcohol	6.90	79	525468	41.366	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	524802	41.667	ng	100
17) 2-Methylphenol	7.02	107	515323	40.754	ng	100
18) Hexachloroethane	7.26	117	275420	41.154	ng	100
19) n-Nitroso-di-n-propylamine	7.17	70	440436	43.005	ng	100
20) 3+4-Methylphenols	7.17	107	603283	38.943	ng	100
22) Acetophenone	7.16	105	840043	39.797	ng	100
24) Nitrobenzene	7.34	77	665706	38.961	ng	100
25) Isophorone	7.58	82	1234570	41.142	ng	100
26) 2-Nitrophenol	7.65	139	361713	39.954	ng	100
27) 2,4-Dimethylphenol	7.70	122	482142	39.240	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	781765	40.025	ng	100
29) 2,4-Dichlorophenol	7.90	162	575227	39.768	ng	100
30) 1,2,4-Trichlorobenzene	7.97	180	663802	38.706	ng	100
31) Naphthalene	8.05	128	1805055	38.151	ng	100
32) Benzoic acid	7.86	122	392904	44.406	ng	100
33) 4-Chloroaniline	8.10	127	773188	37.995	ng	100
34) Hexachlorobutadiene	8.17	225	421735	39.479	ng	100
35) Caprolactam	8.50	113	186727m	41.925	ng	
36) 4-Chloro-3-methylphenol	8.60	107	597909	40.844	ng	100
37) 2-Methylnaphthalene	8.75	142	1244345	39.081	ng	100
38) 1-Methylnaphthalene	8.85	142	1172304	39.149	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	662608	37.649	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	212258	38.637	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	436469	39.272	ng	100
44) 2,4,5-Trichlorophenol	9.07	196	451352	38.701	ng	100
46) 1,1'-Biphenyl	9.21	154	1587803	37.636	ng	100
47) 2-Chloronaphthalene	9.23	162	1301819	38.292	ng	100
48) 2-Nitroaniline	9.33	65	382070	40.292	ng	100
49) Acenaphthylene	9.65	152	1846205	37.599	ng	100
50) Dimethylphthalate	9.52	163	1629965	40.835	ng	100
51) 2,6-Dinitrotoluene	9.58	165	357044	40.261	ng	100
52) Acenaphthene	9.82	154	1127678	38.087	ng	100
53) 3-Nitroaniline	9.75	138	386042	39.266	ng	100
54) 2,4-Dinitrophenol	9.86	184	163989	41.967	ng	100
55) Dibenzofuran	9.99	168	1630053	36.885	ng	100
56) 4-Nitrophenol	9.92	139	212349	35.949	ng	100
57) 2,4-Dinitrotoluene	9.99	165	437577	38.067	ng	100
58) Fluorene	10.33	166	1318122	38.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	397055	40.348	ng	100
60) Diethylphthalate	10.21	149	1552713	41.278	ng	100
61) 4-Chlorophenyl-phenylether	10.32	204	708238	38.964	ng	100
62) 4-Nitroaniline	10.37	138	398873	39.655	ng	100
63) Azobenzene	10.49	77	1306239	39.951	ng	100
65) 4,6-Dinitro-2-methylphenol	10.40	198	248689	42.431	ng	100
66) n-Nitrosodiphenylamine	10.45	169	1248180	39.356	ng	100
67) 4-Bromophenyl-phenylether	10.81	248	499299	39.437	ng	100
68) Hexachlorobenzene	10.89	284	577229	39.544	ng	100
69) Atrazine	10.97	200	418286	37.748	ng	100
70) Pentachlorophenol	11.08	266	235898	40.118	ng	100
71) Phenanthrene	11.29	178	1979716	37.479	ng	100
72) Anthracene	11.35	178	1990328	37.711	ng	100
73) Carbazole	11.50	167	1784954	37.963	ng	100
74) Di-n-butylphthalate	11.83	149	2348152	41.239	ng	100
75) Fluoranthene	12.48	202	2132930	38.041	ng	100
77) Benzidine	12.60	184	930834	33.608	ng	100
78) Pyrene	12.71	202	2123176	38.825	ng	100
80) Butylbenzylphthalate	13.32	149	1010907	43.923	ng	100
81) Benzo(a)anthracene	13.89	228	1803028	38.856	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	716045	39.740	ng	100
83) Chrysene	13.93	228	1782548	38.553	ng	100
84) Bis(2-ethylhexyl)phthalate	13.88	149	1321344	45.443	ng	100
85) Di-n-octyl phthalate	14.49	149	2092088	45.158	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1574567	35.171	ng	100
88) Benzo(b)fluoranthene	14.92	252	1668827	39.751	ng	100
89) Benzo(k)fluoranthene	14.95	252	1617093	41.564	ng	100
90) Benzo(a)pyrene	15.27	252	1464396	38.649	ng	100
91) Dibenzo(a,h)anthracene	16.74	278	1288628	38.652	ng	100
92) Benzo(g,h,i)perylene	17.16	276	1243794	37.759	ng	100

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

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