Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122613.D
Acq On : 9 Dec 2020 16:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
12/10/2020 2:42:55 PM

Quant Time: Dec 09 17:13:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	188516	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	688901	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	363753	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	659898	20.00	ng	0.00
76) Chrysene-d12	14.010	240	529132	20.00	ng	0.00
86) Perylene-d12	15.468	264	490996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	929192	78.03	ng	0.00
7) Phenol-d6	6.481	99	1190943	75.41	ng	0.00
23) Nitrobenzene-d5	7.410	82	972550	70.73	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	368730	77.44	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1771702	65.88	ng	0.00
79) Terphenyl-d14	12.957	244	2045924	67.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	200232	35.78	ng	100
3) Pyridine	3.328	79	547330	37.00	ng	99
4) n-Nitrosodimethylamine	3.281	42	216043	36.42	ng	100
6) Aniline	6.504	93	759160	40.84	ng	100
8) 2-Chlorophenol	6.628	128	496608	37.84	ng	100
9) Benzaldehyde	6.392	77	370095	38.72	ng	99
10) Phenol	6.492	94	623764	38.12	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	473276	37.86	ng	99
12) 1,3-Dichlorobenzene	6.786	146	560989	36.12	ng	98
13) 1,4-Dichlorobenzene	6.863	146	563754	36.00	ng	99
14) 1,2-Dichlorobenzene	7.016	146	524664	34.71	ng	100
15) Benzyl Alcohol	6.986	79	415168	38.18	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	617285	34.63	ng	99
17) 2-Methylphenol	7.098	107	401865	38.52	ng	99
18) Hexachloroethane	7.357	117	199174	35.69	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	330627	36.55	ng	98
20) 3+4-Methylphenols	7.251	107	481742	36.55	ng	99
22) Acetophenone	7.257	105	633661	36.99	ng	99
24) Nitrobenzene	7.428	77	514281	37.60	ng	100
25) Isophorone	7.669	82	910358	38.44	ng	97
26) 2-Nitrophenol	7.745	139	265799	39.84	ng	92
27) 2,4-Dimethylphenol	7.781	122	428951	43.87	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	585123	36.08	ng	99
29) 2,4-Dichlorophenol	7.986	162	424645	37.19	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	457807	35.39	ng	98
31) Naphthalene	8.151	128	1398578	36.79	ng	100
32) Benzoic acid	7.910	122	271968	34.91	ng	98
33) 4-Chloroaniline	8.198	127	594859	37.43	ng	100
34) Hexachlorobutadiene	8.269	225	269970	33.90	ng	99
35) Caprolactam	8.575	113	130655	37.99	ng	99
36) 4-Chloro-3-methylphenol	8.680	107	432590	38.46	ng	99
37) 2-Methylnaphthalene	8.839	142	939032	37.34	ng	99
38) 1-Methylnaphthalene	8.939	142	866333	36.42	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	457633	37.98	ng	100
41) Hexachlorocyclopentadiene	8.992	237	236140	44.33	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	298170	35.83	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	326113	37.92	ng	99
46) 1,1'-Biphenyl	9.304	154	1127216	37.34	ng	100
47) 2-Chloronaphthalene	9.327	162	890839	35.62	ng	100
48) 2-Nitroaniline	9.422	65	259657	35.61	ng	92
49) Acenaphthylene	9.745	152	1362041	36.87	ng	100
50) Dimethylphthalate	9.604	163	1040087	35.80	ng	99
51) 2,6-Dinitrotoluene	9.669	165	236196	38.50	ng	95
52) Acenaphthene	9.916	154	873502m	36.54	ng	
53) 3-Nitroaniline	9.833	138	249656	35.21	ng	93
54) 2,4-Dinitrophenol	9.945	184	114515	38.17	ng	91
55) Dibenzofuran	10.086	168	1247039	37.09	ng	100
56) 4-Nitrophenol	9.998	139	191032	37.79	ng	98
57) 2,4-Dinitrotoluene	10.069	165	315695	38.63	ng	99
58) Fluorene	10.433	166	943051	35.26	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	275228	36.42	ng	100
60) Diethylphthalate	10.304	149	1000777	35.42	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	467954	35.54	ng	97
62) 4-Nitroaniline	10.451	138	253088	35.17	ng	94
63) Azobenzene	10.580	77	963250	37.09	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	164688	40.93	ng	99
66) n-Nitrosodiphenylamine	10.539	169	859556	36.86	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	319078	35.68	ng	97
68) Hexachlorobenzene	10.980	284	343554	34.75	ng	100
69) Atrazine	11.069	200	269970	35.65	ng	99
70) Pentachlorophenol	11.174	266	201283	38.43	ng	99
71) Phenanthrene	11.392	178	1405946	35.85	ng	100
72) Anthracene	11.445	178	1491740	38.36	ng	99
73) Carbazole	11.598	167	1308918	37.11	ng	99
74) Di-n-butylphthalate	11.927	149	1541877	34.79	ng	100
75) Fluoranthene	12.580	202	1487412	36.17	ng	100
77) Benzidine	12.698	184	500617	43.74	ng	99
78) Pyrene	12.810	202	1503417	36.75	ng	100
80) Butylbenzylphthalate	13.427	149	647343	35.13	ng	97
81) Benzo(a)anthracene	13.998	228	1293806	36.59	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	509916	40.26	ng	99
83) Chrysene	14.039	228	1276577	36.28	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	861183	34.13	ng	99
85) Di-n-octyl phthalate	14.598	149	1441694	34.44	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1163574	36.10	ng	99
88) Benzo(b)fluoranthene	15.045	252	1308192	37.97	ng	99
89) Benzo(k)fluoranthene	15.080	252	1149372	36.49	ng	98
90) Benzo(a)pyrene	15.409	252	1093468	36.28	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	967129	36.66	ng	99
92) Benzo(g,h,i)perylene	17.374	276	954036	37.37	ng	98

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

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