Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
Data File : BF120618.D
Acq On : 15 Jun 2020 13:54
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:34 AM

Quant Time: Jun 15 15:15:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136850	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	548538	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	316989	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	618320	20.00	ng	0.00
76) Chrysene-d12	13.96	240	505213	20.00	ng	0.00
86) Perylene-d12	15.39	264	579200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	648938	81.30	ng	-0.01
7) Phenol-d6	6.43	99	879899	88.51	ng	0.00
23) Nitrobenzene-d5	7.36	82	746682	76.09	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	293475	79.63	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1525356	73.62	ng	0.00
79) Terphenyl-d14	12.90	244	1747115	76.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.47	88	144433	38.178	ng	99
3) Pyridine	3.20	79	410225	38.573	ng	99
4) n-Nitrosodimethylamine	3.15	42	174209	39.471	ng	98
6) Aniline	6.46	93	559153	43.947	ng	97
8) 2-Chlorophenol	6.59	128	369043	40.914	ng	97
9) Benzaldehyde	6.35	77	238627	37.948	ng	99
10) Phenol	6.45	94	475716	44.848	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	364199	41.221	ng	98
12) 1,3-Dichlorobenzene	6.74	146	389038	40.570	ng	99
13) 1,4-Dichlorobenzene	6.82	146	389660	41.185	ng	99
14) 1,2-Dichlorobenzene	6.97	146	370562	40.207	ng	98
15) Benzyl Alcohol	6.94	79	319637	45.336	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	553352	43.497	ng	99
17) 2-Methylphenol	7.05	107	341054	44.332	ng	100
18) Hexachloroethane	7.31	117	142420	40.852	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	269847	46.793	ng	95
20) 3+4-Methylphenols	7.21	107	410073	42.656	ng	90
22) Acetophenone	7.21	105	485210	39.565	ng	99
24) Nitrobenzene	7.38	77	397414	38.699	ng	96
25) Isophorone	7.62	82	790782	41.367	ng	98
26) 2-Nitrophenol	7.70	139	209572	38.575	ng	94
27) 2,4-Dimethylphenol	7.73	122	321582	40.201	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	477529	43.094	ng	100
29) 2,4-Dichlorophenol	7.94	162	336067	41.330	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	347528	38.566	ng	100
31) Naphthalene	8.10	128	1091416	40.520	ng	99
32) Benzoic acid	7.86	122	268119	43.685	ng	98
33) 4-Chloroaniline	8.15	127	513943	41.571	ng	100
34) Hexachlorobutadiene	8.22	225	206690	39.349	ng	98
35) Caprolactam	8.52	113	113145m	43.506	ng	
36) 4-Chloro-3-methylphenol	8.63	107	356587	43.894	ng	99
37) 2-Methylnaphthalene	8.79	142	769444	43.760	ng	99
38) 1-Methylnaphthalene	8.89	142	731404	44.206	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	365005	38.564	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	190344	35.887	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	260480	38.796	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	300181	39.408	ng	98
46) 1,1'-Biphenyl	9.26	154	946655	39.994	ng	99
47) 2-Chloronaphthalene	9.28	162	764263	39.485	ng	99
48) 2-Nitroaniline	9.37	65	244595	40.236	ng	97
49) Acenaphthylene	9.70	152	1191920	39.901	ng	99
50) Dimethylphthalate	9.56	163	890878	39.023	ng	100
51) 2,6-Dinitrotoluene	9.62	165	204296	39.486	ng	91
52) Acenaphthene	9.87	154	723749	40.624	ng	99
53) 3-Nitroaniline	9.79	138	242446	39.014	ng	98
54) 2,4-Dinitrophenol	9.89	184	102630	35.581	ng	96
55) Dibenzofuran	10.04	168	1090421	39.917	ng	98
56) 4-Nitrophenol	9.95	139	178760	38.194	ng	99
57) 2,4-Dinitrotoluene	10.02	165	271761	39.584	ng	95
58) Fluorene	10.38	166	819420	38.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	235503	39.298	ng	99
60) Diethylphthalate	10.26	149	892990	39.716	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	425382	39.116	ng	95
62) 4-Nitroaniline	10.40	138	240679	39.012	ng	98
63) Azobenzene	10.53	77	832826	40.805	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	143549	38.691	ng	97
66) n-Nitrosodiphenylamine	10.49	169	764718	40.273	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	283537	40.405	ng	97
68) Hexachlorobenzene	10.93	284	304936	40.417	ng	98
69) Atrazine	11.02	200	190397	32.403	ng	99
70) Pentachlorophenol	11.12	266	169855	40.493	ng	100
71) Phenanthrene	11.35	178	1226936	39.918	ng	99
72) Anthracene	11.39	178	1243332	40.131	ng	100
73) Carbazole	11.55	167	1198635	39.083	ng	99
74) Di-n-butylphthalate	11.88	149	1409093	40.868	ng	100
75) Fluoranthene	12.53	202	1362851	38.781	ng	99
77) Benzidine	12.65	184	617221	36.124	ng	99
78) Pyrene	12.76	202	1389074	38.812	ng	99
80) Butylbenzylphthalate	13.37	149	617646	38.865	ng	100
81) Benzo(a)anthracene	13.94	228	1206432	39.747	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	461748	39.827	ng	100
83) Chrysene	13.98	228	1251591	40.200	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	798145	41.151	ng	100
85) Di-n-octyl phthalate	14.54	149	1477451	39.915	ng	99
87) Indeno(1,2,3-cd)pyrene	16.81	276	1547247	43.916	ng	99
88) Benzo(b)fluoranthene	14.98	252	1332705	38.627	ng	99
89) Benzo(k)fluoranthene	15.01	252	1201054	39.341	ng	98
90) Benzo(a)pyrene	15.33	252	1207705	39.113	ng	100
91) Dibenzo(a,h)anthracene	16.83	278	1241419	43.940	ng	98
92) Benzo(g,h,i)perylene	17.24	276	1277320	44.854	ng	98

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

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