Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120977.D
Acq On : 23 Jul 2020 11:54
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 23 14:20:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178919	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	662675	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	343952	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	650840	20.00	ng	0.00
76) Chrysene-d12	13.97	240	513869	20.00	ng	0.00
86) Perylene-d12	15.42	264	543363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	809269	74.15	ng	0.00
7) Phenol-d6	6.45	99	1045830	74.18	ng	0.00
23) Nitrobenzene-d5	7.38	82	900079	78.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	301665	80.13	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1559812	67.71	ng	0.00
79) Terphenyl-d14	12.92	244	1720124	72.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	187988	37.426	ng	100
3) Pyridine	3.28	79	515621	38.589	ng	99
4) n-Nitrosodimethylamine	3.23	42	209775	36.714	ng	94
6) Aniline	6.48	93	679462	36.922	ng	98
8) 2-Chlorophenol	6.60	128	457954	38.089	ng	99
9) Benzaldehyde	6.36	77	283006	41.978	ng	100
10) Phenol	6.46	94	577427	37.234	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	452446	38.068	ng	99
12) 1,3-Dichlorobenzene	6.76	146	493718	37.870	ng	98
13) 1,4-Dichlorobenzene	6.83	146	492099	37.959	ng	99
14) 1,2-Dichlorobenzene	6.99	146	452908	36.929	ng	98
15) Benzyl Alcohol	6.96	79	363731	36.483	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	652003	38.060	ng	99
17) 2-Methylphenol	7.07	107	403393	37.854	ng	99
18) Hexachloroethane	7.33	117	183688	39.148	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	290606	36.250	ng	99
20) 3+4-Methylphenols	7.22	107	452086	33.349	ng	98
22) Acetophenone	7.23	105	549629	36.956	ng	95
24) Nitrobenzene	7.40	77	485816	39.358	ng	98
25) Isophorone	7.64	82	873097	38.199	ng	99
26) 2-Nitrophenol	7.72	139	247363	42.195	ng	98
27) 2,4-Dimethylphenol	7.75	122	361020	37.930	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	544020	38.992	ng	100
29) 2,4-Dichlorophenol	7.96	162	383368	39.416	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	422639	39.167	ng	99
31) Naphthalene	8.12	128	1279815	37.650	ng	99
32) Benzoic acid	7.88	122	244316	34.194	ng	97
33) 4-Chloroaniline	8.17	127	572557	37.759	ng	100
34) Hexachlorobutadiene	8.24	225	250923	39.446	ng	99
35) Caprolactam	8.55	113	122302	39.212	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	392049	39.303	ng	98
37) 2-Methylnaphthalene	8.81	142	853113	38.653	ng	98
38) 1-Methylnaphthalene	8.91	142	810407	38.769	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	394211	39.337	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	214940	38.808 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	275294	39.016 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	316013	39.483 ng	97
46) 1,1'-Biphenyl	9.27	154	1016771	38.754 ng	100
47) 2-Chloronaphthalene	9.30	162	822307	38.442 ng	99
48) 2-Nitroaniline	9.40	65	259736	40.179 ng	92
49) Acenaphthylene	9.72	152	1279111	38.491 ng	100
50) Dimethylphthalate	9.58	163	959306	38.660 ng	99
51) 2,6-Dinitrotoluene	9.64	165	217430	40.786 ng	91
52) Acenaphthene	9.89	154	819536	38.790 ng	100
53) 3-Nitroaniline	9.81	138	262966	39.330 ng	95
54) 2,4-Dinitrophenol	9.91	184	102749	37.458 ng	92
55) Dibenzofuran	10.06	168	1149247	37.616 ng	99
56) 4-Nitrophenol	9.96	139	195898	38.571 ng	96
57) 2,4-Dinitrotoluene	10.04	165	289662	41.376 ng	96
58) Fluorene	10.40	166	813175	35.686 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	244771	40.167 ng	97
60) Diethylphthalate	10.27	149	967216	38.536 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	421441	34.676 ng	98
62) 4-Nitroaniline	10.42	138	257620	39.555 ng	99
63) Azobenzene	10.55	77	899319	37.637 ng	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	143438	38.874 ng	93
66) n-Nitrosodiphenylamine	10.51	169	795383	38.848 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	293159	40.400 ng	98
68) Hexachlorobenzene	10.95	284	314010	40.004 ng	97
69) Atrazine	11.04	200	173620	34.241 ng	99
70) Pentachlorophenol	11.14	266	184191	40.960 ng	99
71) Phenanthrene	11.36	178	1254905	37.490 ng	99
72) Anthracene	11.42	178	1294734	38.520 ng	100
73) Carbazole	11.57	167	1266124	37.958 ng	99
74) Di-n-butylphthalate	11.90	149	1483907	38.550 ng	99
75) Fluoranthene	12.55	202	1405494	37.882 ng	99
77) Benzidine	12.67	184	516770	38.249 ng	99
78) Pyrene	12.77	202	1459508	40.173 ng	100
80) Butylbenzylphthalate	13.40	149	652262	40.274 ng	95
81) Benzo(a)anthracene	13.96	228	1192598	38.326 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	473047	40.295 ng	98
83) Chrysene	14.00	228	1264665	38.674 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	789536	39.534 ng	99
85) Di-n-octyl phthalate	14.57	149	1531036	38.533 ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1375236	36.393 ng	99
88) Benzo(b)fluoranthene	15.00	252	1319104	40.162 ng	100
89) Benzo(k)fluoranthene	15.03	252	1221232	40.770 ng	99
90) Benzo(a)pyrene	15.36	252	1213817	40.507 ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1139243	36.907 ng	99
92) Benzo(g,h,i)perylene	17.28	276	1059905	34.825 ng	99

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

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