Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121810.D
Acq On : 5 Oct 2020 10:28
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 05 11:03:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131612	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	502691	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	269069	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	513745	20.00	ng		0.00
76) Chrysene-d12	13.93	240	418752	20.00	ng		0.00
86) Perylene-d12	15.36	264	402546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	702880	79.37	ng		0.00
7) Phenol-d6	6.42	99	911171	78.42	ng		0.00
23) Nitrobenzene-d5	7.33	82	789760	84.35	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	289328	86.52	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1361364	76.63	ng		0.00
79) Terphenyl-d14	12.87	244	1664370	80.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	148393	36.473	ng		99
3) Pyridine	3.16	79	429909	38.222	ng		98
4) n-Nitrosodimethylamine	3.12	42	200650	38.459	ng		99
6) Aniline	6.43	93	568460	37.567	ng	#	92
8) 2-Chlorophenol	6.56	128	365924	40.583	ng		94
9) Benzaldehyde	6.32	77	265344	34.935	ng		98
10) Phenol	6.43	94	462613	37.391	ng		86
11) bis(2-Chloroethyl)ether	6.50	93	374832	40.197	ng		100
12) 1,3-Dichlorobenzene	6.70	146	404914	40.234	ng		100
13) 1,4-Dichlorobenzene	6.79	146	403264	39.906	ng		97
14) 1,2-Dichlorobenzene	6.94	146	374230	40.200	ng		99
15) Benzyl Alcohol	6.92	79	322550	40.844	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	594642	39.628	ng		93
17) 2-Methylphenol	7.03	107	311813	40.643	ng		95
18) Hexachloroethane	7.27	117	150292	41.536	ng		99
19) n-Nitroso-di-n-propylamine	7.19	70	269074	40.184	ng		100
20) 3+4-Methylphenols	7.19	107	366804	39.793	ng	#	88
22) Acetophenone	7.18	105	505645	39.645	ng		97
24) Nitrobenzene	7.36	77	423706	41.843	ng		96
25) Isophorone	7.59	82	760979	40.377	ng		99
26) 2-Nitrophenol	7.67	139	201652	42.605	ng		95
27) 2,4-Dimethylphenol	7.71	122	334497	39.760	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	474649	40.681	ng		99
29) 2,4-Dichlorophenol	7.92	162	315298	41.148	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	323008	40.026	ng		98
31) Naphthalene	8.07	128	1061438	40.000	ng		100
32) Benzoic acid	7.86	122	173180	30.539	ng		100
33) 4-Chloroaniline	8.12	127	472897	41.111	ng		99
34) Hexachlorobutadiene	8.19	225	194830	41.131	ng		99
35) Caprolactam	8.52	113	109192	42.792	ng		93
36) 4-Chloro-3-methylphenol	8.62	107	343363	41.598	ng		99
37) 2-Methylnaphthalene	8.76	142	695248	39.979	ng		97
38) 1-Methylnaphthalene	8.86	142	650812	40.211	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	340977	40.569	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	133864	27.890 ng	98
43) 2,4,6-Trichlorophenol	9.05	196	221689	38.697 ng	98
44) 2,4,5-Trichlorophenol	9.09	196	236831	39.105 ng	99
46) 1,1'-Biphenyl	9.23	154	844869	39.222 ng	99
47) 2-Chloronaphthalene	9.25	162	666429	39.260 ng	100
48) 2-Nitroaniline	9.35	65	234491	44.454 ng	99
49) Acenaphthylene	9.67	152	1028017	39.416 ng	100
50) Dimethylphthalate	9.53	163	819608	42.027 ng	100
51) 2,6-Dinitrotoluene	9.60	165	181491	43.699 ng	91
52) Acenaphthene	9.84	154	605869	36.779 ng	98
53) 3-Nitroaniline	9.77	138	204528	42.510 ng	94
54) 2,4-Dinitrophenol	9.88	184	83746	40.054 ng	94
55) Dibenzofuran	10.01	168	889757	38.354 ng	98
56) 4-Nitrophenol	9.94	139	129431	33.733 ng	89
57) 2,4-Dinitrotoluene	10.00	165	229475	43.919 ng	95
58) Fluorene	10.36	166	723994	40.810 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	199024	40.422 ng	97
60) Diethylphthalate	10.23	149	800542	42.103 ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	355001	41.773 ng	100
62) 4-Nitroaniline	10.38	138	207145	43.362 ng	96
63) Azobenzene	10.50	77	826604	40.824 ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	134112	43.320 ng	97
66) n-Nitrosodiphenylamine	10.47	169	689974	39.147 ng	99
67) 4-Bromophenyl-phenylether	10.83	248	238006	40.690 ng	99
68) Hexachlorobenzene	10.90	284	265808	40.268 ng	96
69) Atrazine	10.99	200	182753	41.735 ng	99
70) Pentachlorophenol	11.10	266	138929	38.323 ng	100
71) Phenanthrene	11.32	178	1091427	38.992 ng	100
72) Anthracene	11.37	178	1133209	39.231 ng	99
73) Carbazole	11.52	167	1025306	39.334 ng	100
74) Di-n-butylphthalate	11.85	149	1264532	42.032 ng	99
75) Fluoranthene	12.50	202	1202375	40.240 ng	98
77) Benzidine	12.63	184	798154	57.494 ng	100
78) Pyrene	12.73	202	1226019	40.072 ng	99
80) Butylbenzylphthalate	13.34	149	549020	44.370 ng	99
81) Benzo(a)anthracene	13.92	228	1100034	41.523 ng	99
82) 3,3'-Dichlorobenzidine	13.88	252	438791	42.425 ng	99
83) Chrysene	13.96	228	1060737	39.540 ng	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	746603	45.166 ng	99
85) Di-n-octyl phthalate	14.52	149	1281161	43.916 ng	99
87) Indeno(1,2,3-cd)pyrene	16.79	276	1006365	38.389 ng	99
88) Benzo(b)fluoranthene	14.96	252	1122855	41.725 ng	99
89) Benzo(k)fluoranthene	14.99	252	981380	39.824 ng	100
90) Benzo(a)pyrene	15.31	252	936113	40.923 ng	99
91) Dibenzo(a,h)anthracene	16.80	278	835594	38.291 ng	98
92) Benzo(g,h,i)perylene	17.22	276	804406	37.500 ng	97

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

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