Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121667.D
Acq On : 23 Sep 2020 13:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 23 14:06:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136951	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	500016	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	254853	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	469730	20.00	ng		0.00
76) Chrysene-d12	13.97	240	383278	20.00	ng		0.00
86) Perylene-d12	15.43	264	360494	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	746526	81.01	ng		0.00
7) Phenol-d6	6.45	99	964164	79.75	ng		0.00
23) Nitrobenzene-d5	7.38	82	791831	85.03	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	268628	84.81	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1345067	79.93	ng		0.00
79) Terphenyl-d14	12.92	244	1521442	80.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	169398	40.012	ng		100
3) Pyridine	3.28	79	470617	40.210	ng		99
4) n-Nitrosodimethylamine	3.25	42	212475	39.138	ng		99
6) Aniline	6.47	93	612316	38.887	ng		95
8) 2-Chlorophenol	6.60	128	377094	40.191	ng		97
9) Benzaldehyde	6.36	77	289978	36.690	ng		100
10) Phenol	6.46	94	499925	38.831	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	383571	39.530	ng		99
12) 1,3-Dichlorobenzene	6.75	146	420987	40.200	ng		98
13) 1,4-Dichlorobenzene	6.83	146	424644	40.383	ng		96
14) 1,2-Dichlorobenzene	6.98	146	391471	40.413	ng		98
15) Benzyl Alcohol	6.96	79	334037	40.650	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	577061	36.957	ng		100
17) 2-Methylphenol	7.07	107	321091	40.221	ng		100
18) Hexachloroethane	7.32	117	152511	40.506	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	264510	37.962	ng		98
20) 3+4-Methylphenols	7.23	107	373184	38.907	ng		96
22) Acetophenone	7.22	105	508378	40.073	ng	#	99
24) Nitrobenzene	7.40	77	422927	41.989	ng		98
25) Isophorone	7.64	82	723514	38.594	ng		98
26) 2-Nitrophenol	7.71	139	198726	42.235	ng		96
27) 2,4-Dimethylphenol	7.75	122	330639	39.512	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	459913	39.629	ng		99
29) 2,4-Dichlorophenol	7.96	162	312315	40.977	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	324942	40.481	ng		98
31) Naphthalene	8.12	128	1067505	40.443	ng		100
32) Benzoic acid	7.89	122	179509	31.533	ng		97
33) 4-Chloroaniline	8.17	127	469458	41.031	ng		98
34) Hexachlorobutadiene	8.23	225	196958	41.803	ng		99
35) Caprolactam	8.55	113	103906	40.938	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	335213	40.827	ng		99
37) 2-Methylnaphthalene	8.81	142	692894	40.057	ng		98
38) 1-Methylnaphthalene	8.90	142	639419	39.719	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	328200	41.227	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	143725	31.614 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	217146	40.018 ng	98
44) 2,4,5-Trichlorophenol	9.13	196	235771	41.101 ng	97
46) 1,1'-Biphenyl	9.27	154	822306	40.304 ng	99
47) 2-Chloronaphthalene	9.30	162	641312	39.888 ng	100
48) 2-Nitroaniline	9.40	65	221608	44.355 ng	100
49) Acenaphthylene	9.72	152	1002908	40.598 ng	100
50) Dimethylphthalate	9.57	163	733709	39.721 ng	99
51) 2,6-Dinitrotoluene	9.64	165	169218	43.017 ng	95
52) Acenaphthene	9.89	154	584698	37.474 ng	99
53) 3-Nitroaniline	9.81	138	192213	42.179 ng	100
54) 2,4-Dinitrophenol	9.92	184	74861	38.311 ng	99
55) Dibenzofuran	10.06	168	882571	40.167 ng	99
56) 4-Nitrophenol	9.98	139	140498	38.660 ng	97
57) 2,4-Dinitrotoluene	10.05	165	222147	44.888 ng	96
58) Fluorene	10.40	166	683567	40.681 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	188125	40.340 ng	99
60) Diethylphthalate	10.27	149	710006	39.425 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	325270	40.410 ng	95
62) 4-Nitroaniline	10.42	138	195701	43.252 ng	97
63) Azobenzene	10.55	77	737926	38.477 ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	115539	41.214 ng	85
66) n-Nitrosodiphenylamine	10.51	169	633484	39.309 ng	100
67) 4-Bromophenyl-phenylether	10.88	248	216992	40.574 ng	96
68) Hexachlorobenzene	10.95	284	243588	40.359 ng	94
69) Atrazine	11.04	200	159963	39.953 ng	100
70) Pentachlorophenol	11.15	266	116751	35.223 ng	97
71) Phenanthrene	11.36	178	1019553	39.837 ng	100
72) Anthracene	11.42	178	1060876	40.168 ng	99
73) Carbazole	11.57	167	968338	40.630 ng	99
74) Di-n-butylphthalate	11.90	149	1056089	38.393 ng	100
75) Fluoranthene	12.55	202	1098853	40.221 ng	99
77) Benzidine	12.67	184	480836	37.842 ng	99
78) Pyrene	12.78	202	1125804	40.202 ng	99
80) Butylbenzylphthalate	13.39	149	447183	39.485 ng	98
81) Benzo(a)anthracene	13.97	228	991711	40.899 ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	390373	41.237 ng	98
83) Chrysene	14.00	228	975407	39.724 ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	573238	37.888 ng	99
85) Di-n-octyl phthalate	14.57	149	998573	37.398 ng	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	919765	39.178 ng	100
88) Benzo(b)fluoranthene	15.01	252	964985	40.042 ng	99
89) Benzo(k)fluoranthene	15.04	252	927846	42.043 ng	99
90) Benzo(a)pyrene	15.37	252	846399	41.317 ng	99
91) Dibenzo(a,h)anthracene	16.89	278	759817	38.880 ng	99
92) Benzo(g,h,i)perylene	17.31	276	752475	39.171 ng	99

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

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