Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007799.D
Acq On : 23 Sep 2019 13:26
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02051

Quant Time: Sep 23 14:13:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 23 14:01:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	452856	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1837187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1174661	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	2543167	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	2748408	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	2960861	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	89475	7.51	ng/uL	0.00
5) Phenol-d5	6.86	99	860718	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	513114	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	638860	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	652882	19.87	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	284561	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	271847	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	635208	21.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	829906	21.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1924239	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	2418951	22.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	316800	19.05	ng/ul	0.00
57) Fluorene-d10	15.31	176	1709965	21.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	244120	17.79	ng/ul	0.00
70) Anthracene-d10	17.16	188	2704483	21.36	ng/ul	0.00
78) Pyrene-d10	19.46	212	3188953	21.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	3206708	20.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	92805	7.626	ng/uL	98
4) Benzaldehyde	6.83	77	588327	24.311	ng/ul	97
6) Phenol	6.89	94	914734	19.523	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	693267	20.472	ng/ul	98
10) 2-Chlorophenol	7.26	128	661129	20.097	ng/ul	99
11) 2-Methylphenol	8.13	108	649196	19.540	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	762833	20.791	ng/ul	99
14) Acetophenone	8.50	105	1053398	19.807	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.49	70	567261	19.615	ng/ul	99
16) 4-Methylphenol	8.45	108	699342	19.189	ng/ul	98
17) Hexachloroethane	8.76	117	277280	20.139	ng/ul	91
20) Nitrobenzene	8.87	77	831793	20.880	ng/ul	99
21) Isophorone	9.39	82	1483489	19.494	ng/ul	99
23) 2-Nitrophenol	9.58	139	313359	21.094	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	785542	20.271	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	944457	20.921	ng/ul	100
27) 2,4-Dichlorophenol	10.11	162	633732	20.661	ng/ul	95
28) Naphthalene	10.51	128	2124693	20.509	ng/ul	98
30) 4-Chloroaniline	10.62	127	841341	20.475	ng/ul	99
31) Hexachlorobutadiene	10.80	225	465822	21.293	ng/ul	99
32) Caprolactam	11.36	113	222839	20.923	ng/ul	97
33) 4-Chloro-3-methylphenol	11.75	107	706624	19.887	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	1524839	20.384	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	880314	21.201 ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	483360	18.966 ng/ul	100
38) 2,4,6-Trichlorophenol	12.74	196	496566	21.328 ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	550349	21.191 ng/ul	98
40) 1,1'-Biphenyl	13.15	154	1977081	20.739 ng/ul	98
41) 2-Chloronaphthalene	13.19	162	1539163	20.824 ng/ul	98
42) 2-Nitroaniline	13.39	65	402627	19.800 ng/ul	93
44) Dimethylphthalate	13.77	163	1930675	20.264 ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	356715	20.514 ng/ul	97
47) Acenaphthylene	14.03	152	2268224	20.074 ng/ul	99
48) 3-Nitroaniline	14.22	138	358722	20.901 ng/ul	100
49) Acenaphthene	14.38	153	1643822	20.723 ng/ul	100
50) 2,4-Dinitrophenol	14.42	184	140013	14.971 ng/ul	95
52) 4-Nitrophenol	14.52	109	260485	19.090 ng/ul	99
53) Dibenzofuran	14.72	168	2357272	20.487 ng/ul	100
54) 2,4-Dinitrotoluene	14.68	165	520481	19.968 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.95	232	466667	20.821 ng/ul	99
56) Diethylphthalate	15.15	149	1892278	19.958 ng/ul	100
58) Fluorene	15.37	166	1893840	20.454 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	1034957	20.690 ng/ul	99
60) 4-Nitroaniline	15.38	138	396916	20.298 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	260204	17.012 ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	1650738	20.709 ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	647458	21.221 ng/ul	96
66) Hexachlorobenzene	16.37	284	694074	21.050 ng/ul	98
67) Atrazine	16.53	200	746399	23.060 ng/ul	99
68) Pentachlorophenol	16.72	266	345631	18.715 ng/ul	98
69) Phenanthrene	17.10	178	3118387	20.677 ng/ul	99
71) Anthracene	17.19	178	3172260	21.015 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	877326	21.817 ng/uL	99
73) Pentachlorobenzene	14.64	250	879168	22.249 ng/uL	98
74) Carbazole	17.46	167	2744329	21.494 ng/ul	99
75) Di-n-butylphthalate	18.04	149	3158288	20.811 ng/ul	99
76) Fluoranthene	19.12	202	3869007	23.386 ng/ul	100
79) Pyrene	19.49	202	3953120	21.600 ng/ul	99
80) Butylbenzylphthalate	20.40	149	1403363	20.174 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.17	252	1226286	18.280 ng/ul	97
82) Benzo(a)anthracene	21.24	228	4156055	21.222 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	2215950	20.681 ng/ul#	97
84) Chrysene	21.29	228	3877629	21.281 ng/ul	99
86) Di-n-octyl phthalate	22.06	149	3588982	23.438 ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	3971494	20.741 ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	4078045	21.916 ng/ul	99
90) Benzo(a)pyrene	23.37	252	3906883	21.105 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.68	276	4480883	20.602 ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	3749069	20.666 ng/ul	98
93) Benzo(g,h,i)perylene	26.36	276	3496399	19.609 ng/ul	99

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

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