Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005212.D
Acq On : 23 Apr 2019 13:42
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02069

Quant Time: Apr 23 14:16:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	398026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1608719	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	929184	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2079981	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1910686	20.00	ng/ul	0.02
85) Perylene-d12	23.46	264	2029793	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	65359	7.93	ng/uL	0.00
5) Phenol-d5	6.78	99	595644	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	360523	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	474460	19.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	467067	19.11	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	218743	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	237656	23.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	477437	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	516884	21.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1341754	19.89	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1669024	20.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	224206	21.05	ng/ul	0.00
57) Fluorene-d10	15.23	176	1143986	20.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	125357	13.40	ng/ul	0.00
70) Anthracene-d10	17.09	188	1745513	20.02	ng/ul	0.00
78) Pyrene-d10	19.40	212	1911787	19.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1824114	20.56	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	67109	7.569	ng/uL	98
4) Benzaldehyde	6.75	77	420356	18.975	ng/ul	99
6) Phenol	6.80	94	620534	19.298	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.04	93	483400	18.775	ng/ul	95
10) 2-Chlorophenol	7.17	128	485950	19.648	ng/ul	98
11) 2-Methylphenol	8.03	108	457473	18.987	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	767673	17.758	ng/ul	98
14) Acetophenone	8.41	105	747958	19.125	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	378911	18.112	ng/ul	94
16) 4-Methylphenol	8.36	108	491522	18.889	ng/ul	94
17) Hexachloroethane	8.66	117	196173	18.265	ng/ul	93
20) Nitrobenzene	8.78	77	560517	20.570	ng/ul	97
21) Isophorone	9.30	82	1049018	19.443	ng/ul	99
23) 2-Nitrophenol	9.49	139	252392	22.189	ng/ul	99
24) 2,4-Dimethylphenol	9.55	107	556009	19.522	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	644335	19.004	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	467472	20.586	ng/ul	99
28) Naphthalene	10.41	128	1488563	19.904	ng/ul	100
30) 4-Chloroaniline	10.52	127	522708	21.627	ng/ul	97
31) Hexachlorobutadiene	10.70	225	328081	20.459	ng/ul	99
32) Caprolactam	11.27	113	147841	21.518	ng/ul	93
33) 4-Chloro-3-methylphenol	11.65	107	503367	19.686	ng/ul	96
34) 2-Methylnaphthalene	12.03	142	1066112	19.469	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	587073	20.416	ng/ul	99
37) Hexachlorocyclopentadiene	12.39	237	244976	12.495	ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	367009	21.166	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	392575	21.069	ng/ul	98
40) 1,1'-Biphenyl	13.06	154	1371241	19.806	ng/ul	100
41) 2-Chloronaphthalene	13.10	162	1063662	19.976	ng/ul	97
42) 2-Nitroaniline	13.30	65	317892	22.509	ng/ul	95
44) Dimethylphthalate	13.70	163	1321852	19.668	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	257880	22.222	ng/ul	94
47) Acenaphthylene	13.95	152	1640400	20.149	ng/ul	99
48) 3-Nitroaniline	14.13	138	244304	22.645	ng/ul	99
49) Acenaphthene	14.30	153	1119536	20.142	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	64899	11.481	ng/ul	93
52) 4-Nitrophenol	14.45	109	195932	20.268	ng/ul	97
53) Dibenzofuran	14.63	168	1605894	20.068	ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	378363	22.616	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.86	232	334361	21.571	ng/ul	93
56) Diethylphthalate	15.08	149	1358984	20.165	ng/ul	99
58) Fluorene	15.29	166	1268812	20.319	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.29	204	666844	20.131	ng/ul	99
60) 4-Nitroaniline	15.30	138	298233	22.174	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.37	198	133784	13.437	ng/ul	96
64) N-Nitrosodiphenylamine	15.50	169	1120074	19.675	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	411000	19.614	ng/ul	99
66) Hexachlorobenzene	16.29	284	451986	20.257	ng/ul	96
67) Atrazine	16.46	200	415801	19.619	ng/ul	99
68) Pentachlorophenol	16.64	266	237520	18.180	ng/ul	98
69) Phenanthrene	17.03	178	2016364	19.905	ng/ul	100
71) Anthracene	17.12	178	2056584	19.930	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	605952	19.945	ng/uL	99
73) Pentachlorobenzene	14.55	250	545216	19.939	ng/uL	99
74) Carbazole	17.39	167	1829771	20.642	ng/ul	99
75) Di-n-butylphthalate	17.98	149	2310103	20.770	ng/ul	100
76) Fluoranthene	19.06	202	2351887	20.932	ng/ul	99
79) Pyrene	19.43	202	2401100	19.517	ng/ul	100
80) Butylbenzylphthalate	20.37	149	1034312	21.235	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.16	252	728386	19.080	ng/ul	99
82) Benzo(a)anthracene	21.22	228	2350518	19.775	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	1451817	19.357	ng/ul	98
84) Chrysene	21.27	228	2198504	19.929	ng/ul	99
86) Di-n-octyl phthalate	22.07	149	2550980	20.520	ng/ul	100
87) Benzo(b)fluoranthene	22.80	252	2306311	20.213	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	2144088	19.676	ng/ul	99
90) Benzo(a)pyrene	23.36	252	2181836	20.344	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.64	276	2393642	20.187	ng/ul	98
92) Dibenzo(a,h)anthracene	25.66	278	2058976	20.461	ng/ul	98
93) Benzo(g,h,i)perylene	26.30	276	1558009	15.891	ng/ul	97

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

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