Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042920\
Data File : BN010666.D
Acq On : 29 Apr 2020 21:55
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02090

Quant Time: Apr 30 04:13:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 30 03:53:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	535495	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	2338879	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1504389	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3365470	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	2928451	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2662189	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	78108	7.63	ng/uL	0.00
5) Phenol-d5	6.77	99	836734	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	483885	22.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	695285	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	695004	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	351543	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	395498	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	772080	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	1022108	22.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2221994	19.91	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2631523	19.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	390019	17.95	ng/ul	0.00
58) Fluorene-d10	15.20	176	1915432	19.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	330310	18.79	ng/ul	0.00
71) Anthracene-d10	17.05	188	3032500	19.45	ng/ul	0.00
79) Pyrene-d10	19.36	212	3310170	20.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2582371	18.70	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	81592	7.54	ng/uL#	92
4) Benzaldehyde	6.73	77	562041	25.60	ng/ul	98
6) Phenol	6.80	94	861789	19.69	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	656720	19.49	ng/ul	96
10) 2-Chlorophenol	7.15	128	722332	19.70	ng/ul	98
11) 2-Methylphenol	8.02	108	668629	19.30	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.11	45	448247	20.92	ng/ul	99
14) Acetophenone	8.39	105	1117752	20.74	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.39	70	526612	20.40	ng/ul	96
16) 4-Methylphenol	8.35	108	729375	19.68	ng/ul	100
17) Hexachloroethane	8.64	117	285742	18.79	ng/ul	87
20) Nitrobenzene	8.76	77	834390	19.82	ng/ul	98
21) Isophorone	9.29	82	1452591	18.71	ng/ul	99
23) 2-Nitrophenol	9.46	139	437357	20.14	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	831270	19.41	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	934074	19.78	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	747947	19.28	ng/ul	98
28) Naphthalene	10.39	128	2373113	18.88	ng/ul	100
30) 4-Chloroaniline	10.50	127	1056005	23.56	ng/ul	100
31) Hexachlorobutadiene	10.68	225	494222	18.30	ng/ul	99
32) Caprolactam	11.28	113	214947	17.46	ng/ul	99
33) 4-Chloro-3-methylphenol	11.63	107	796765	19.60	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	1786995	20.12	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	1677155	18.86	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	958631	19.11	ng/ul	93
38) Hexachlorocyclopentadiene	12.37	237	374669	15.35	ng/ul	96
39) 2,4,6-Trichlorophenol	12.63	196	612888	18.86	ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	665911	19.05	ng/ul	98
41) 1,1'-Biphenyl	13.03	154	2271506	19.66	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	1785747	19.12	ng/ul	98
43) 2-Nitroaniline	13.27	65	452923	20.91	ng/ul	92
45) Dimethylphthalate	13.67	163	2194677	18.94	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	484405	19.66	ng/ul	100
48) Acenaphthylene	13.92	152	2813094	19.44	ng/ul	99
49) 3-Nitroaniline	14.11	138	466935	19.91	ng/ul	90
50) Acenaphthene	14.27	153	1884344	19.03	ng/ul	97
51) 2,4-Dinitrophenol	14.32	184	196286	16.81	ng/ul	97
53) 4-Nitrophenol	14.44	109	318625	18.11	ng/ul	95
54) Dibenzofuran	14.61	168	2681482	19.34	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	675470	19.24	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.84	232	589863	19.31	ng/ul	97
57) Diethylphthalate	15.05	149	2175929	18.68	ng/ul	99
59) Fluorene	15.26	166	2198218	19.34	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.26	204	1108987	19.08	ng/ul	99
61) 4-Nitroaniline	15.28	138	494833	18.63	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.35	198	363629	19.23	ng/ul#	92
65) N-Nitrosodiphenylamine	15.47	169	1914846	19.64	ng/ul	97
66) 4-Bromophenyl-phenylether	16.16	248	687326	18.71	ng/ul	96
67) Hexachlorobenzene	16.27	284	762763	18.25	ng/ul	97
68) Atrazine	16.44	200	608862	15.81	ng/ul	99
69) Pentachlorophenol	16.62	266	438663	16.44	ng/ul	95
70) Phenanthrene	17.00	178	3543546	18.96	ng/ul	98
72) Anthracene	17.09	178	3655904	19.30	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	937136	17.56	ng/uL	97
74) Pentachlorobenzene	14.53	250	896489	17.23	ng/uL	95
75) Carbazole	17.36	167	3181733	20.45	ng/ul	99
76) Di-n-butylphthalate	17.95	149	3829351	19.53	ng/ul	99
77) Fluoranthene	19.02	202	4189008	20.63	ng/ul	96
80) Pyrene	19.39	202	4239103	20.03	ng/ul	97
81) Butylbenzylphthalate	20.31	149	1730162	18.96	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.09	252	1097424	17.39	ng/ul	97
83) Benzo(a)anthracene	21.14	228	3783937	18.63	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	2562187	19.44	ng/ul	99
85) Chrysene	21.20	228	3438689	18.00	ng/ul	95
87) Di-n-octyl phthalate	21.97	149	4095680	21.63	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	3362502	19.36	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	3144476	18.24	ng/ul	98
91) Benzo(a)pyrene	23.23	252	3081989	19.97	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	3405976	19.61	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	2851915	19.55	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	2766861	19.25	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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