Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009762.D
Acq On : 19 Feb 2020 02:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02070

Quant Time: Feb 19 03:41:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:37:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	125553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	514325	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	317831	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	676243	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	669652	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	662388	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	25111	8.23	ng/uL	0.00
5) Phenol-d5	6.62	99	214213	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	151807	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	167647	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	168893	19.88	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	78958	20.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	87236	21.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	169581	21.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	184167	20.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	492423	20.74	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	601047	21.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	85519	19.72	ng/ul	0.00
58) Fluorene-d10	15.06	176	425716	20.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	78972	18.80	ng/ul	0.00
71) Anthracene-d10	16.91	188	649723	20.96	ng/ul	0.00
79) Pyrene-d10	19.22	212	689754	19.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	699935	21.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	27850	7.942	ng/uL	96
4) Benzaldehyde	6.58	77	160041	22.535	ng/ul	94
6) Phenol	6.64	94	226611	19.802	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.86	93	184045	20.462	ng/ul	97
10) 2-Chlorophenol	6.99	128	176649	20.859	ng/ul	97
11) 2-Methylphenol	7.86	108	167188	19.964	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	462016	20.953	ng/ul	99
14) Acetophenone	8.23	105	273719	19.774	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.22	70	151845	20.994	ng/ul	98
16) 4-Methylphenol	8.19	108	182920	19.907	ng/ul	98
17) Hexachloroethane	8.46	117	81172	21.068	ng/ul	97
20) Nitrobenzene	8.60	77	232080	20.931	ng/ul	97
21) Isophorone	9.12	82	408303	20.924	ng/ul	98
23) 2-Nitrophenol	9.30	139	97123	21.086	ng/ul	93
24) 2,4-Dimethylphenol	9.37	107	208786	20.877	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.60	93	245506	20.586	ng/ul	98
27) 2,4-Dichlorophenol	9.83	162	165408	20.718	ng/ul	97
28) Naphthalene	10.21	128	575579	20.753	ng/ul	99
30) 4-Chloroaniline	10.34	127	189659	20.831	ng/ul	100
31) Hexachlorobutadiene	10.50	225	110793	20.750	ng/ul	92
32) Caprolactam	11.12	113	47737	17.829	ng/ul	93
33) 4-Chloro-3-methylphenol	11.48	107	189026	20.705	ng/ul	98
34) 2-Methylnaphthalene	11.83	142	396999	20.614	ng/ul	98

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Quant Time: Feb 19 03:41:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:37:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	395423	20.484 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	204180	21.673 ng/ul	95
38) Hexachlorocyclopentadiene	12.19	237	78979	19.377 ng/ul	92
39) 2,4,6-Trichlorophenol	12.47	196	125894	21.056 ng/ul	98
40) 2,4,5-Trichlorophenol	12.55	196	137902	21.499 ng/ul	97
41) 1,1'-Biphenyl	12.87	154	522452	21.402 ng/ul	96
42) 2-Chloronaphthalene	12.91	162	414059	21.358 ng/ul	100
43) 2-Nitroaniline	13.13	65	154491	21.791 ng/ul	99
45) Dimethylphthalate	13.53	163	524891	21.189 ng/ul	100
46) 2,6-Dinitrotoluene	13.65	165	103698	21.383 ng/ul	95
48) Acenaphthylene	13.77	152	651727	21.536 ng/ul	100
49) 3-Nitroaniline	13.98	138	89454	19.980 ng/ul	99
50) Acenaphthene	14.12	153	438900	21.156 ng/ul	99
51) 2,4-Dinitrophenol	14.20	184	48675	17.483 ng/ul	95
53) 4-Nitrophenol	14.30	109	78804	20.143 ng/ul	100
54) Dibenzofuran	14.46	168	619389	21.271 ng/ul	98
55) 2,4-Dinitrotoluene	14.46	165	154388	21.481 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.70	232	116893	21.195 ng/ul	97
57) Diethylphthalate	14.91	149	530735	20.865 ng/ul	99
59) Fluorene	15.11	166	513540	21.015 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	253420	21.027 ng/ul	99
61) 4-Nitroaniline	15.15	138	100788	18.460 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.22	198	86826	19.186 ng/ul#	96
65) N-Nitrosodiphenylamine	15.33	169	438099	21.835 ng/ul	98
66) 4-Bromophenyl-phenylether	16.01	248	144520	21.358 ng/ul	98
67) Hexachlorobenzene	16.12	284	154556	20.642 ng/ul	98
68) Atrazine	16.30	200	153984	20.231 ng/ul	94
69) Pentachlorophenol	16.47	266	78541	18.151 ng/ul	96
70) Phenanthrene	16.85	178	817073	21.171 ng/ul	98
72) Anthracene	16.95	178	837665	21.232 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	214329	21.694 ng/uL	94
74) Pentachlorobenzene	14.38	250	202113	21.213 ng/uL	95
75) Carbazole	17.22	167	700083	20.150 ng/ul	100
76) Di-n-butylphthalate	17.80	149	897120	20.920 ng/ul	100
77) Fluoranthene	18.88	202	924341	20.447 ng/ul	98
80) Pyrene	19.25	202	959353	19.871 ng/ul	99
81) Butylbenzylphthalate	20.17	149	391717	19.737 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.95	252	284070	19.456 ng/ul	97
83) Benzo(a)anthracene	21.01	228	923031	20.058 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.97	149	604045	19.935 ng/ul	98
85) Chrysene	21.06	228	869487	19.192 ng/ul	97
87) Di-n-octyl phthalate	21.82	149	999369	19.934 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	878892	20.465 ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	874168	21.497 ng/ul	97
91) Benzo(a)pyrene	23.04	252	814335	21.082 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.18	276	942293	20.547 ng/ul	99
93) Dibenzo(a,h)anthracene	25.19	278	797593	20.330 ng/ul	98
94) Benzo(g,h,i)perylene	25.80	276	781196	20.315 ng/ul	97

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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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