Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009883.D
Acq On : 25 Feb 2020 04:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02059

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Quant Time: Feb 25 04:55:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 02:39:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	113620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	474395	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	293752	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	622305	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	593748	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	598033	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	21080	7.63	ng/uL	0.00
5) Phenol-d5	6.59	99	196425	20.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	137537	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	153618	21.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	157369	20.47	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	75412	21.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	86367	22.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	158844	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	178104	21.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	451560	20.58	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	560159	21.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	73909	18.44	ng/ul	0.00
58) Fluorene-d10	15.03	176	388135	20.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	76014	19.66	ng/ul	0.00
71) Anthracene-d10	16.88	188	596570	20.91	ng/ul	0.00
79) Pyrene-d10	19.19	212	617136	19.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	612697	20.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	24771	7.805	ng/uL	95
4) Benzaldehyde	6.56	77	146300	22.764	ng/ul	92
6) Phenol	6.62	94	212749	20.543	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.83	93	168936	20.754	ng/ul	99
10) 2-Chlorophenol	6.96	128	162679	21.227	ng/ul	99
11) 2-Methylphenol	7.84	108	158337	20.893	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.92	45	407270	20.410	ng/ul	97
14) Acetophenone	8.20	105	257449	20.552	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.19	70	144882	22.135	ng/ul	98
16) 4-Methylphenol	8.16	108	170323	20.482	ng/ul	92
17) Hexachloroethane	8.43	117	71334	20.459	ng/ul	94
20) Nitrobenzene	8.57	77	211441	20.675	ng/ul	97
21) Isophorone	9.09	82	385189	21.401	ng/ul	100
23) 2-Nitrophenol	9.27	139	93836	22.087	ng/ul	99
24) 2,4-Dimethylphenol	9.35	107	194692	21.106	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.58	93	228694	20.790	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	157950	21.449	ng/ul	96
28) Naphthalene	10.18	128	527885	20.635	ng/ul	99
30) 4-Chloroaniline	10.31	127	182537	21.736	ng/ul	97
31) Hexachlorobutadiene	10.47	225	99797	20.264	ng/ul	92
32) Caprolactam	11.09	113	52189m	21.132	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	182380	21.659	ng/ul	95
34) 2-Methylnaphthalene	11.80	142	367267	20.676	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	361428	20.299	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	186276	21.394	ng/ul	98
38) Hexachlorocyclopentadiene	12.16	237	64091	17.013	ng/ul	97
39) 2,4,6-Trichlorophenol	12.45	196	119646	21.651	ng/ul	97
40) 2,4,5-Trichlorophenol	12.52	196	126275	21.300	ng/ul	95
41) 1,1'-Biphenyl	12.85	154	476329	21.112	ng/ul	99
42) 2-Chloronaphthalene	12.89	162	373268	20.832	ng/ul	98
43) 2-Nitroaniline	13.11	65	143752	21.938	ng/ul	97
45) Dimethylphthalate	13.50	163	474789	20.738	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	96260	21.477	ng/ul	96
48) Acenaphthylene	13.74	152	599760	21.443	ng/ul	99
49) 3-Nitroaniline	13.96	138	90756	21.933	ng/ul	96
50) Acenaphthene	14.09	153	396891	20.699	ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	47311	18.386	ng/ul	88
53) 4-Nitrophenol	14.29	109	71648	19.815	ng/ul	93
54) Dibenzofuran	14.43	168	551173	20.480	ng/ul	97
55) 2,4-Dinitrotoluene	14.43	165	141351	21.279	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.67	232	111140	21.804	ng/ul	98
57) Diethylphthalate	14.89	149	487253	20.726	ng/ul	98
59) Fluorene	15.09	166	466244	20.643	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.09	204	227306	20.406	ng/ul	97
61) 4-Nitroaniline	15.13	138	91952	18.222	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.20	198	83373	20.020	ng/ul	96
65) N-Nitrosodiphenylamine	15.31	169	389155	21.076	ng/ul	98
66) 4-Bromophenyl-phenylether	15.99	248	131918	21.185	ng/ul	96
67) Hexachlorobenzene	16.10	284	140839	20.440	ng/ul	97
68) Atrazine	16.28	200	140137	20.007	ng/ul	99
69) Pentachlorophenol	16.45	266	79539	19.975	ng/ul	94
70) Phenanthrene	16.83	178	730602	20.572	ng/ul	99
72) Anthracene	16.92	178	747106	20.578	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	196037	21.562	ng/uL	94
74) Pentachlorobenzene	14.36	250	185571	21.165	ng/uL	96
75) Carbazole	17.20	167	641595	20.067	ng/ul	100
76) Di-n-butylphthalate	17.78	149	812795	20.597	ng/ul	99
77) Fluoranthene	18.86	202	829686	19.944	ng/ul	99
80) Pyrene	19.22	202	860503	20.102	ng/ul	98
81) Butylbenzylphthalate	20.16	149	376641	21.403	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.93	252	259611	20.054	ng/ul	96
83) Benzo(a)anthracene	20.99	228	799197	19.587	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	552145	20.551	ng/ul	97
85) Chrysene	21.04	228	756933	18.843	ng/ul	99
87) Di-n-octyl phthalate	21.79	149	948160	20.948	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	782820	20.189	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	739516	20.142	ng/ul	100
91) Benzo(a)pyrene	23.02	252	697568	20.003	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	819884	19.802	ng/ul	96
93) Dibenzo(a,h)anthracene	25.14	278	702633	19.837	ng/ul	98
94) Benzo(g,h,i)perylene	25.76	276	690368	19.885	ng/ul	99

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

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