Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009860.D
Acq On : 22 Feb 2020 23:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02075

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2/24/2020 4:49:29 PM

Quant Time: Feb 24 03:36:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 01:42:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	131063	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.13	136	541883	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.03	164	345746	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	715667	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	658355	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	724481	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	24409	7.66	ng/uL	-0.02
5) Phenol-d5	6.59	99	216896	19.45	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	151130	19.64	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	167596	19.97	ng/ul	-0.03
13) 4-Methylphenol-d8	8.10	113	173597	19.58	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	80777	20.37	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	90911	20.96	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.77	165	172593	20.70	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.29	131	190650	20.35	ng/ul	-0.03
44) Dimethylphthalate-d6	13.46	166	491353	19.03	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	612357	20.13	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.27	143	84980	18.02	ng/ul	-0.02
58) Fluorene-d10	15.03	176	435942	19.55	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.19	200	81769	18.39	ng/ul	-0.02
71) Anthracene-d10	16.89	188	662482	20.19	ng/ul	-0.02
79) Pyrene-d10	19.19	212	701466	20.39	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	732180	20.24	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	25138	6.867	ng/uL	95
4) Benzaldehyde	6.56	77	163621	22.071	ng/ul	90
6) Phenol	6.62	94	229857	19.241	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.84	93	183113	19.502	ng/ul	96
10) 2-Chlorophenol	6.96	128	175258	19.825	ng/ul	99
11) 2-Methylphenol	7.84	108	171190	19.583	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.92	45	486845	21.151	ng/ul	98
14) Acetophenone	8.20	105	284671	19.701	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.20	70	155850	20.641	ng/ul	96
16) 4-Methylphenol	8.17	108	187633	19.561	ng/ul	97
17) Hexachloroethane	8.44	117	82586	20.534	ng/ul	98
20) Nitrobenzene	8.57	77	238128	20.385	ng/ul	98
21) Isophorone	9.09	82	418949	20.378	ng/ul	98
23) 2-Nitrophenol	9.27	139	98551	20.308	ng/ul	99
24) 2,4-Dimethylphenol	9.35	107	216800	20.576	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.58	93	249231	19.835	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	172853	20.549	ng/ul	97
28) Naphthalene	10.19	128	586967	20.087	ng/ul	99
30) 4-Chloroaniline	10.31	127	195783	20.410	ng/ul	98
31) Hexachlorobutadiene	10.47	225	110697	19.678	ng/ul	90
32) Caprolactam	11.09	113	52323m	18.548	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	194073	20.177	ng/ul	99
34) 2-Methylnaphthalene	11.81	142	402624	19.843	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	398347	19.586 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	202440	19.754 ng/ul	96
38) Hexachlorocyclopentadiene	12.16	237	79345	17.895 ng/ul	100
39) 2,4,6-Trichlorophenol	12.45	196	131010	20.142 ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	141722	20.310 ng/ul	93
41) 1,1'-Biphenyl	12.85	154	532478	20.052 ng/ul	98
42) 2-Chloronaphthalene	12.89	162	419000	19.868 ng/ul	97
43) 2-Nitroaniline	13.11	65	159094	20.629 ng/ul	99
45) Dimethylphthalate	13.50	163	515835	19.142 ng/ul	100
46) 2,6-Dinitrotoluene	13.63	165	105271	19.955 ng/ul	97
48) Acenaphthylene	13.75	152	662509	20.124 ng/ul	99
49) 3-Nitroaniline	13.96	138	97210	19.959 ng/ul	94
50) Acenaphthene	14.09	153	447153	19.814 ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	48095	15.880 ng/ul	92
53) 4-Nitrophenol	14.28	109	81978	19.262 ng/ul	94
54) Dibenzofuran	14.43	168	627403	19.807 ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	155981	19.950 ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	14.67	232	116662	19.446 ng/ul	98
57) Diethylphthalate	14.89	149	539584	19.500 ng/ul	97
59) Fluorene	15.09	166	516828	19.442 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.09	204	254814	19.436 ng/ul	99
61) 4-Nitroaniline	15.13	138	110651m	18.631 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	90426	18.881 ng/ul	98
65) N-Nitrosodiphenylamine	15.31	169	431761	20.333 ng/ul	95
66) 4-Bromophenyl-phenylether	15.99	248	140147	19.570 ng/ul	97
67) Hexachlorobenzene	16.10	284	153054	19.315 ng/ul	97
68) Atrazine	16.28	200	155131	19.259 ng/ul	99
69) Pentachlorophenol	16.45	266	84288	18.406 ng/ul	91
70) Phenanthrene	16.83	178	829344	20.306 ng/ul	99
72) Anthracene	16.92	178	825834	19.779 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	214890	20.552 ng/uL	98
74) Pentachlorobenzene	14.36	250	206074	20.437 ng/uL	93
75) Carbazole	17.20	167	711712	19.356 ng/ul	99
76) Di-n-butylphthalate	17.78	149	903167	19.901 ng/ul	98
77) Fluoranthene	18.86	202	912575	19.075 ng/ul	99
80) Pyrene	19.22	202	980759	20.663 ng/ul	99
81) Butylbenzylphthalate	20.16	149	406119	20.813 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.93	252	277430	19.327 ng/ul	99
83) Benzo(a)anthracene	20.99	228	904694	19.996 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	618885	20.775 ng/ul	96
85) Chrysene	21.04	228	888166	19.940 ng/ul	98
87) Di-n-octyl phthalate	21.80	149	1034970	18.875 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	924008	19.671 ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	868517	19.527 ng/ul	98
91) Benzo(a)pyrene	23.01	252	835857	19.785 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	1006666	20.070 ng/ul	97
93) Dibenzo(a,h)anthracene	25.15	278	840205	19.581 ng/ul	96
94) Benzo(g,h,i)perylene	25.76	276	827929	19.685 ng/ul	99

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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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