Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009844.D
Acq On : 22 Feb 2020 13:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02074

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2/24/2020 4:49:14 PM

Quant Time: Feb 24 01:42:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	126145	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.13	136	519385	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.03	164	329627	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	679851	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	625642	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	692457	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	23063	7.52	ng/uL	-0.02
5) Phenol-d5	6.59	99	205924	19.19	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	146179	19.74	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	161501	19.99	ng/ul	-0.02
13) 4-Methylphenol-d8	8.10	113	166108	19.46	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	77354	20.36	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.24	143	85549	20.58	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	9.78	165	163324	20.44	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.29	131	184256	20.52	ng/ul	-0.03
44) Dimethylphthalate-d6	13.46	166	476265	19.34	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	577735	19.92	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.27	143	78680	17.50	ng/ul	-0.02
58) Fluorene-d10	15.03	176	417968	19.66	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.19	200	76064	18.01	ng/ul	-0.02
71) Anthracene-d10	16.89	188	630725	20.24	ng/ul	-0.02
79) Pyrene-d10	19.19	212	678289	20.74	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	690334	19.96	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	26566	7.540	ng/uL	97
4) Benzaldehyde	6.56	77	153716	21.543	ng/ul	97
6) Phenol	6.62	94	221237	19.241	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.84	93	176530	19.534	ng/ul	97
10) 2-Chlorophenol	6.96	128	169409	19.910	ng/ul	99
11) 2-Methylphenol	7.84	108	162540	19.318	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.92	45	461202	20.818	ng/ul	99
14) Acetophenone	8.20	105	262360	18.864	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.19	70	146993	20.227	ng/ul	95
16) 4-Methylphenol	8.17	108	180666	19.569	ng/ul	95
17) Hexachloroethane	8.44	117	77711	20.075	ng/ul	97
20) Nitrobenzene	8.58	77	230367	20.574	ng/ul	97
21) Isophorone	9.09	82	401655	20.383	ng/ul	99
23) 2-Nitrophenol	9.28	139	94744	20.369	ng/ul	97
24) 2,4-Dimethylphenol	9.35	107	204568	20.256	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.58	93	241357	20.041	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	160073	19.854	ng/ul	98
28) Naphthalene	10.18	128	562679	20.090	ng/ul	99
30) 4-Chloroaniline	10.32	127	184309	20.046	ng/ul	97
31) Hexachlorobutadiene	10.48	225	104272	19.339	ng/ul	94
32) Caprolactam	11.09	113	51480m	19.040	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	187757	20.366	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	394141	20.266	ng/ul	96

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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	380075	19.497 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	191064	19.555 ng/ul	98
38) Hexachlorocyclopentadiene	12.16	237	71467	16.906 ng/ul	98
39) 2,4,6-Trichlorophenol	12.45	196	126097	20.335 ng/ul	99
40) 2,4,5-Trichlorophenol	12.52	196	132561	19.927 ng/ul	97
41) 1,1'-Biphenyl	12.85	154	499099	19.714 ng/ul	98
42) 2-Chloronaphthalene	12.89	162	401819	19.985 ng/ul	99
43) 2-Nitroaniline	13.11	65	149856	20.381 ng/ul	96
45) Dimethylphthalate	13.50	163	505939	19.693 ng/ul	99
46) 2,6-Dinitrotoluene	13.63	165	100516	19.986 ng/ul	98
48) Acenaphthylene	13.75	152	636946	20.294 ng/ul	99
49) 3-Nitroaniline	13.96	138	87025	18.742 ng/ul	90
50) Acenaphthene	14.09	153	430846	20.025 ng/ul	99
51) 2,4-Dinitrophenol	14.19	184	47919	16.596 ng/ul	93
53) 4-Nitrophenol	14.28	109	75413	18.586 ng/ul	95
54) Dibenzofuran	14.43	168	592855	19.631 ng/ul	98
55) 2,4-Dinitrotoluene	14.43	165	147747	19.821 ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.67	232	112896	19.738 ng/ul#	97
57) Diethylphthalate	14.89	149	515959	19.558 ng/ul	99
59) Fluorene	15.09	166	495504	19.551 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.09	204	238712	19.098 ng/ul	96
61) 4-Nitroaniline	15.13	138	107025m	18.901 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	84440	18.560 ng/ul	99
65) N-Nitrosodiphenylamine	15.31	169	414546	20.551 ng/ul	99
66) 4-Bromophenyl-phenylether	15.99	248	135517	19.921 ng/ul	95
67) Hexachlorobenzene	16.10	284	153782	20.429 ng/ul	96
68) Atrazine	16.28	200	150746	19.700 ng/ul	95
69) Pentachlorophenol	16.45	266	80156	18.426 ng/ul	97
70) Phenanthrene	16.83	178	783028	20.182 ng/ul	100
72) Anthracene	16.92	178	815596	20.563 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	206727	20.813 ng/uL	95
74) Pentachlorobenzene	14.36	250	197683	20.638 ng/uL	99
75) Carbazole	17.20	167	686555	19.656 ng/ul	98
76) Di-n-butylphthalate	17.78	149	869429	20.167 ng/ul	99
77) Fluoranthene	18.86	202	889005	19.561 ng/ul	99
80) Pyrene	19.22	202	948577	21.030 ng/ul	98
81) Butylbenzylphthalate	20.16	149	395065	21.306 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.93	252	273307	20.036 ng/ul	99
83) Benzo(a)anthracene	20.99	228	897484	20.874 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	614833	21.718 ng/ul	97
85) Chrysene	21.04	228	859633	20.309 ng/ul	99
87) Di-n-octyl phthalate	21.80	149	1022017	19.500 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	884710	19.706 ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	841141	19.786 ng/ul	98
91) Benzo(a)pyrene	23.02	252	799298	19.794 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	942314	19.655 ng/ul	96
93) Dibenzo(a,h)anthracene	25.15	278	806661	19.669 ng/ul	98
94) Benzo(g,h,i)perylene	25.76	276	794508	19.764 ng/ul	100

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

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