Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012919\
Data File : BN004344.D
Acq On : 29 Jan 2019 11:20
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02068

Quant Time: Jan 29 13:31:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN010919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 09 12:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	64902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	273668	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	154194	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	335477	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	327253	20.00	ng/ul	-0.01
85) Perylene-d12	23.62	264	324845	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	10643	8.21	ng/uL	0.00
5) Phenol-d5	6.92	99	103753	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	56870	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	93270	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	83636	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	40505	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	41801	21.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	90167	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	81441	20.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	257598	19.55	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	326106	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	41219	17.40	ng/ul	0.00
57) Fluorene-d10	15.39	176	224118	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	35737	18.56	ng/ul	-0.01
70) Anthracene-d10	17.25	188	330420	20.30	ng/ul	0.00
78) Pyrene-d10	19.55	212	351717	21.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	355191	20.41	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	11606	8.066	ng/uL	97
4) Benzaldehyde	6.91	77	17886	20.033	ng/ul	99
6) Phenol	6.94	94	104355	20.111	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.19	93	79711	20.253	ng/ul	100
10) 2-Chlorophenol	7.32	128	92216	20.256	ng/ul	100
11) 2-Methylphenol	8.19	108	80476	19.560	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	92927	19.488	ng/ul	98
14) Acetophenone	8.58	105	129005	20.243	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	55158	19.505	ng/ul	98
16) 4-Methylphenol	8.52	108	85921	19.703	ng/ul	97
17) Hexachloroethane	8.83	117	34905	20.085	ng/ul	94
20) Nitrobenzene	8.96	77	87297	21.575	ng/ul	99
21) Isophorone	9.48	82	161895	19.434	ng/ul	100
23) 2-Nitrophenol	9.66	139	47049	21.629	ng/ul	99
24) 2,4-Dimethylphenol	9.72	107	96717	20.234	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	106341	20.629	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	86453	20.385	ng/ul	98
28) Naphthalene	10.59	128	289531	20.326	ng/ul	99
30) 4-Chloroaniline	10.71	127	82449	21.126	ng/ul	99
31) Hexachlorobutadiene	10.86	225	60005	20.598	ng/ul	99
32) Caprolactam	11.48	113	21587	17.038	ng/ul	95
33) 4-Chloro-3-methylphenol	11.82	107	86032	19.725	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	208053	20.181	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	113508	20.966 ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	71760	21.449 ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	67078	20.604 ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	73646	20.764 ng/ul	98
40) 1,1'-Biphenyl	13.23	154	263623	20.553 ng/ul	99
41) 2-Chloronaphthalene	13.27	162	205166	20.539 ng/ul	100
42) 2-Nitroaniline	13.48	65	42665	21.328 ng/ul	99
44) Dimethylphthalate	13.86	163	252299	19.706 ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	47747	20.964 ng/ul	98
47) Acenaphthylene	14.12	152	304465	20.225 ng/ul	100
48) 3-Nitroaniline	14.31	138	44849	20.292 ng/ul	98
49) Acenaphthene	14.46	153	215679	20.195 ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	22354	17.018 ng/ul	98
52) 4-Nitrophenol	14.60	109	30857	17.397 ng/ul	95
53) Dibenzofuran	14.80	168	303719	20.082 ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	69108	20.559 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	60348	19.036 ng/ul	98
56) Diethylphthalate	15.22	149	244075	18.831 ng/ul	99
58) Fluorene	15.45	166	239514	19.810 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	127327	20.001 ng/ul	99
60) 4-Nitroaniline	15.47	138	51658	19.674 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	38159	18.929 ng/ul	99
64) N-Nitrosodiphenylamine	15.66	169	207115	21.068 ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	81222	21.231 ng/ul	98
66) Hexachlorobenzene	16.44	284	90336	20.631 ng/ul	95
67) Atrazine	16.61	200	67571	18.558 ng/ul	98
68) Pentachlorophenol	16.79	266	47106	17.768 ng/ul	98
69) Phenanthrene	17.19	178	374443	20.170 ng/ul	100
71) Anthracene	17.27	178	380459	20.449 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	111079	22.527 ng/uL	99
73) Pentachlorobenzene	14.71	250	109036	22.008 ng/uL	98
74) Carbazole	17.55	167	324050	20.048 ng/ul	100
75) Di-n-butylphthalate	18.11	149	371969	19.069 ng/ul	100
76) Fluoranthene	19.20	202	422086	19.418 ng/ul	99
79) Pyrene	19.57	202	431334	22.035 ng/ul	99
80) Butylbenzylphthalate	20.48	149	162938	22.494 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.26	252	98800	15.036 ng/ul	100
82) Benzo(a)anthracene	21.33	228	417586	20.409 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.26	149	253709	23.364 ng/ul	100
84) Chrysene	21.38	228	392348	20.489 ng/ul	99
86) Di-n-octyl phthalate	22.15	149	379626	20.004 ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	395168	19.883 ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	404891	21.183 ng/ul	100
90) Benzo(a)pyrene	23.52	252	389065	20.624 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.92	276	464440	21.326 ng/ul	100
92) Dibenzo(a,h)anthracene	25.94	278	384885	21.477 ng/ul	99
93) Benzo(g,h,i)perylene	26.63	276	382819	21.167 ng/ul	99

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

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