Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052319\
Data File : BN005890.D
Acq On : 23 May 2019 20:34
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02053

Manual Integrations APPROVED
Sohil
5/24/2019 5:02:13 PM

Quant Time: May 24 05:52:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	85875	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	380191	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	262574	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	696836	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	833818	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	769654	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	12301	8.02	ng/uL	-0.01
5) Phenol-d5	6.76	99	131351	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	68169	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	108835	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	107609	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	55666	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	61431	19.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	127577	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	143974	21.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	407653	20.18	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	507332	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	42624	14.98	ng/ul	0.00
57) Fluorene-d10	15.20	176	368247	21.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	56547	13.50	ng/ul	0.00
70) Anthracene-d10	17.06	188	628611	20.88	ng/ul	0.00
78) Pyrene-d10	19.38	212	796333	19.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	755837	21.89	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	12357m	7.653	ng/uL	
4) Benzaldehyde	6.72	77	92131	19.177	ng/ul	97
6) Phenol	6.79	94	131465	19.433	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.00	93	97785	19.724	ng/ul	92
10) 2-Chlorophenol	7.13	128	110041	20.362	ng/ul	95
11) 2-Methylphenol	8.01	108	104663	19.485	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.09	45	124360	19.077	ng/ul#	87
14) Acetophenone	8.38	105	184342	20.287	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.36	70	84047	19.155	ng/ul	93
16) 4-Methylphenol	8.34	108	111216	18.812	ng/ul	88
17) Hexachloroethane	8.61	117	49183	21.210	ng/ul	87
20) Nitrobenzene	8.75	77	139425	21.855	ng/ul	99
21) Isophorone	9.26	82	254148	19.982	ng/ul	97
23) 2-Nitrophenol	9.46	139	66149	19.938	ng/ul#	94
24) 2,4-Dimethylphenol	9.52	107	133251	19.449	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.75	93	138138	19.207	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	121162	20.706	ng/ul	95
28) Naphthalene	10.37	128	369652	20.354	ng/ul	99
30) 4-Chloroaniline	10.50	127	144780	21.198	ng/ul	98
31) Hexachlorobutadiene	10.65	225	100180	23.471	ng/ul	99
32) Caprolactam	11.26	113	36825m	17.175	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	133055	20.102	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	286726	20.443	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	194306	22.985 ng/ul	97
37) Hexachlorocyclopentadiene	12.34	237	36511	13.858 ng/ul	94
38) 2,4,6-Trichlorophenol	12.63	196	113384	21.667 ng/ul	93
39) 2,4,5-Trichlorophenol	12.72	196	111432	20.271 ng/ul	91
40) 1,1'-Biphenyl	13.02	154	405444	21.235 ng/ul#	97
41) 2-Chloronaphthalene	13.06	162	315585	20.926 ng/ul	97
42) 2-Nitroaniline	13.29	65	85687	19.711 ng/ul	97
44) Dimethylphthalate	13.66	163	405524	20.358 ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	81739	19.474 ng/ul	97
47) Acenaphthylene	13.92	152	485035	20.519 ng/ul	99
48) 3-Nitroaniline	14.13	138	74507	20.145 ng/ul	97
49) Acenaphthene	14.26	153	328437	20.506 ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	43274	20.035 ng/ul	95
52) 4-Nitrophenol	14.47	109	56077	21.097 ng/ul#	81
53) Dibenzofuran	14.60	168	507370	21.352 ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	131599	20.922 ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.85	232	109743	21.500 ng/ul	94
56) Diethylphthalate	15.04	149	409459	20.310 ng/ul	99
58) Fluorene	15.26	166	413171	21.376 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.25	204	230425	21.852 ng/ul	99
60) 4-Nitroaniline	15.31	138	82732	20.065 ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	15.39	198	56184	13.391 ng/ul#	96
64) N-Nitrosodiphenylamine	15.47	169	350792	19.451 ng/ul	97
65) 4-Bromophenyl-phenylether	16.15	248	156201	21.406 ng/ul	95
66) Hexachlorobenzene	16.27	284	178534	21.809 ng/ul#	92
67) Atrazine	16.44	200	143108	18.911 ng/ul	97
68) Pentachlorophenol	16.63	266	63791	16.890 ng/ul	96
69) Phenanthrene	17.00	178	712739	20.634 ng/ul	100
71) Anthracene	17.10	178	734444	20.883 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	204048	21.842 ng/uL	96
73) Pentachlorobenzene	14.53	250	197396	21.424 ng/uL	100
74) Carbazole	17.38	167	621769	20.052 ng/ul	99
75) Di-n-butylphthalate	17.94	149	701118	18.929 ng/ul	99
76) Fluoranthene	19.04	202	953034	22.316 ng/ul#	89
79) Pyrene	19.41	202	1000534	19.540 ng/ul#	86
80) Butylbenzylphthalate	20.33	149	349153	16.644 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.12	252	317070	18.103 ng/ul#	96
82) Benzo(a)anthracene	21.19	228	1078475	20.531 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	514441	17.284 ng/ul#	98
84) Chrysene	21.24	228	1017530	20.548 ng/ul	99
86) Di-n-octyl phthalate	21.99	149	971161	23.649 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	1007317	23.790 ng/ul#	95
88) Benzo(k)fluoranthene	22.80	252	933336	22.781 ng/ul#	96
90) Benzo(a)pyrene	23.31	252	893363	21.789 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.60	276	952756	19.006 ng/ul#	90
92) Dibenzo(a,h)anthracene	25.60	278	815967	19.337 ng/ul#	92
93) Benzo(g,h,i)perylene	26.27	276	785491	18.746 ng/ul#	89

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

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