Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005852.D
Acq On : 22 May 2019 15:58
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02091

Manual Integrations APPROVED
mohammad
5/23/2019 3:59:39 AM

Quant Time: May 22 17:39:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 04:05:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46512	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	209876	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	154257	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	410347	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	512694	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	625276	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	7846	9.44	ng/uL	-0.01
5) Phenol-d5	6.76	99	70550	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	37478	19.98	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	58709	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	58099	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	29491	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	32945	18.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	67235	20.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	71886	19.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	249737	21.04	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	291409	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	22584	13.51	ng/ul	0.01
57) Fluorene-d10	15.20	176	216617	21.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	38273	15.52	ng/ul	0.00
70) Anthracene-d10	17.06	188	367979	20.76	ng/ul	0.00
78) Pyrene-d10	19.38	212	474279	18.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	582451	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	7386	8.445	ng/uL	90
4) Benzaldehyde	6.72	77	50998	19.599	ng/ul	94
6) Phenol	6.79	94	70213	19.162	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.00	93	53966	20.098	ng/ul	89
10) 2-Chlorophenol	7.13	128	60154	20.551	ng/ul	92
11) 2-Methylphenol	8.02	108	56588	19.450	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.09	45	70839	20.063	ng/ul#	91
14) Acetophenone	8.38	105	106554	21.651	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.36	70	46640	19.625	ng/ul	94
16) 4-Methylphenol	8.35	108	62457	19.505	ng/ul	94
17) Hexachloroethane	8.61	117	26374	20.999	ng/ul#	83
20) Nitrobenzene	8.75	77	76330	21.675	ng/ul	98
21) Isophorone	9.26	82	144060	20.518	ng/ul#	97
23) 2-Nitrophenol	9.46	139	35774	19.533	ng/ul#	87
24) 2,4-Dimethylphenol	9.53	107	78859	20.851	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.75	93	78987	19.895	ng/ul	97
27) 2,4-Dichlorophenol	10.00	162	67598	20.926	ng/ul	94
28) Naphthalene	10.37	128	202373	20.185	ng/ul	99
30) 4-Chloroaniline	10.50	127	74613	19.790	ng/ul	100
31) Hexachlorobutadiene	10.65	225	54394	23.086	ng/ul	92
32) Caprolactam	11.26	113	23442m	19.806	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	75534	20.673	ng/ul	96
34) 2-Methylnaphthalene	11.99	142	158227	20.436	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	107265	21.598 ng/ul#	96
37) Hexachlorocyclopentadiene	12.34	237	29875	19.301 ng/ul	98
38) 2,4,6-Trichlorophenol	12.64	196	61673	20.061 ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	61048	18.903 ng/ul	95
40) 1,1'-Biphenyl	13.02	154	225295	20.085 ng/ul#	97
41) 2-Chloronaphthalene	13.06	162	177662	20.053 ng/ul	99
42) 2-Nitroaniline	13.30	65	45865	17.959 ng/ul	91
44) Dimethylphthalate	13.66	163	245615	20.989 ng/ul#	98
45) 2,6-Dinitrotoluene	13.80	165	44549	18.066 ng/ul	97
47) Acenaphthylene	13.92	152	278159	20.030 ng/ul	97
48) 3-Nitroaniline	14.14	138	36858	16.964 ng/ul	99
49) Acenaphthene	14.26	153	191309	20.332 ng/ul	97
50) 2,4-Dinitrophenol	14.39	184	33218	26.179 ng/ul	95
52) 4-Nitrophenol	14.49	109	27552	17.644 ng/ul	86
53) Dibenzofuran	14.60	168	294981	21.130 ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	73623	19.924 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.85	232	65011	21.680 ng/ul	89
56) Diethylphthalate	15.04	149	253505	21.404 ng/ul	97
58) Fluorene	15.26	166	243280	21.424 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.25	204	136721	22.070 ng/ul	99
60) 4-Nitroaniline	15.31	138	41703	17.216 ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	15.39	198	38251	15.482 ng/ul#	95
64) N-Nitrosodiphenylamine	15.47	169	208624	19.644 ng/ul	97
65) 4-Bromophenyl-phenylether	16.15	248	91763	21.355 ng/ul	96
66) Hexachlorobenzene	16.27	284	107440	22.288 ng/ul	93
67) Atrazine	16.44	200	89620	20.111 ng/ul	95
68) Pentachlorophenol	16.64	266	37076	16.670 ng/ul	99
69) Phenanthrene	17.00	178	420609	20.678 ng/ul	99
71) Anthracene	17.10	178	429379	20.732 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	111757	20.315 ng/uL	98
73) Pentachlorobenzene	14.53	250	114115	21.032 ng/uL	99
74) Carbazole	17.38	167	376281	20.607 ng/ul	99
75) Di-n-butylphthalate	17.94	149	459446	21.064 ng/ul#	98
76) Fluoranthene	19.05	202	576018	22.905 ng/ul#	88
79) Pyrene	19.41	202	585649	18.602 ng/ul#	87
80) Butylbenzylphthalate	20.33	149	220588	17.102 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.13	252	187166	17.379 ng/ul#	98
82) Benzo(a)anthracene	21.19	228	657589	20.359 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	337527	18.443 ng/ul#	99
84) Chrysene	21.25	228	631985	20.756 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	618206	18.530 ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	726920	21.132 ng/ul#	94
88) Benzo(k)fluoranthene	22.82	252	686833	20.635 ng/ul#	97
90) Benzo(a)pyrene	23.33	252	698027	20.956 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.62	276	866601	21.280 ng/ul#	91
92) Dibenzo(a,h)anthracene	25.63	278	730084	21.297 ng/ul#	93
93) Benzo(g,h,i)perylene	26.30	276	731232	21.480 ng/ul#	90

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

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