Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005865.D
Acq On : 22 May 2019 23:29
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02092

Manual Integrations APPROVED
mohammad
5/23/2019 3:38:55 PM

Quant Time: May 23 01:22:37 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	51813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	232840	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	169467	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	470758	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	600484	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	698788	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	8504	9.19	ng/uL	0.00
5) Phenol-d5	6.76	99	76821	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	42552	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	64896	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	63358	18.50	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	32817	19.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	34020	17.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	77272m	20.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	79120m	19.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	269461	20.66	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	322644	20.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	22199	12.09	ng/ul	0.00
57) Fluorene-d10	15.20	176	241563	21.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	34432	12.17	ng/ul	0.00
70) Anthracene-d10	17.06	188	424783	20.89	ng/ul	0.00
78) Pyrene-d10	19.37	212	533016	18.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	658968	21.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	8459	8.682	ng/uL#	95
4) Benzaldehyde	6.73	77	55662	19.203	ng/ul	97
6) Phenol	6.79	94	78310	19.185	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.00	93	59455	19.877	ng/ul	94
10) 2-Chlorophenol	7.13	128	64910	19.907	ng/ul	94
11) 2-Methylphenol	8.01	108	59991	18.510	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	74725	18.999	ng/ul#	91
14) Acetophenone	8.38	105	115113	20.997	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	49773	18.801	ng/ul#	97
16) 4-Methylphenol	8.35	108	67744	18.992	ng/ul	99
17) Hexachloroethane	8.61	117	29887	21.362	ng/ul	87
20) Nitrobenzene	8.75	77	84941	21.741	ng/ul	98
21) Isophorone	9.27	82	155368	19.946	ng/ul	95
23) 2-Nitrophenol	9.46	139	36751	18.088	ng/ul#	89
24) 2,4-Dimethylphenol	9.52	107	86095	20.519	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.75	93	84505	19.186	ng/ul	97
27) 2,4-Dichlorophenol	10.00	162	74668m	20.835	ng/ul	
28) Naphthalene	10.37	128	221846	19.945	ng/ul	99
30) 4-Chloroaniline	10.50	127	80159m	19.164	ng/ul	
31) Hexachlorobutadiene	10.65	225	62148	23.775	ng/ul	98
32) Caprolactam	11.27	113	22936m	17.467	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	78685	19.411	ng/ul	96
34) 2-Methylnaphthalene	11.99	142	176851	20.589	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	120634	22.110 ng/ul	97
37) Hexachlorocyclopentadiene	12.34	237	24326	14.306 ng/ul	95
38) 2,4,6-Trichlorophenol	12.64	196	67392	19.954 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	61818	17.424 ng/ul	94
40) 1,1'-Biphenyl	13.02	154	252912	20.524 ng/ul#	97
41) 2-Chloronaphthalene	13.06	162	201083	20.660 ng/ul	97
42) 2-Nitroaniline	13.30	65	49026	17.474 ng/ul	96
44) Dimethylphthalate	13.66	163	269907	20.994 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	49558	18.294 ng/ul	89
47) Acenaphthylene	13.92	152	311552	20.421 ng/ul	99
48) 3-Nitroaniline	14.14	138	41612	17.433 ng/ul#	91
49) Acenaphthene	14.26	153	211704	20.480 ng/ul	97
50) 2,4-Dinitrophenol	14.39	184	26879	19.282 ng/ul	98
52) 4-Nitrophenol	14.47	109	29957m	17.462 ng/ul	
53) Dibenzofuran	14.60	168	331508	21.616 ng/ul	97
54) 2,4-Dinitrotoluene	14.61	165	83888	20.664 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	14.85	232	69935	21.229 ng/ul	93
56) Diethylphthalate	15.04	149	273384	21.011 ng/ul	99
58) Fluorene	15.26	166	277394	22.236 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.25	204	154316	22.675 ng/ul	99
60) 4-Nitroaniline	15.31	138	47219	17.744 ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.39	198	36300	12.807 ng/ul#	92
64) N-Nitrosodiphenylamine	15.47	169	230194	18.894 ng/ul	97
65) 4-Bromophenyl-phenylether	16.15	248	102807	20.855 ng/ul	95
66) Hexachlorobenzene	16.27	284	120803	21.844 ng/ul	94
67) Atrazine	16.44	200	94668	18.518 ng/ul	96
68) Pentachlorophenol	16.63	266	34735	13.613 ng/ul	94
69) Phenanthrene	17.00	178	480828	20.605 ng/ul	99
71) Anthracene	17.09	178	491349	20.680 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	127919	20.269 ng/uL	99
73) Pentachlorobenzene	14.53	250	131438	21.116 ng/uL	98
74) Carbazole	17.38	167	416402	19.878 ng/ul	98
75) Di-n-butylphthalate	17.94	149	460068	18.386 ng/ul#	98
76) Fluoranthene	19.04	202	642778	22.280 ng/ul#	88
79) Pyrene	19.41	202	668242	18.122 ng/ul#	85
80) Butylbenzylphthalate	20.32	149	187287	12.397 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.12	252	169111	13.407 ng/ul#	96
82) Benzo(a)anthracene	21.18	228	763041	20.170 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	304008	14.183 ng/ul#	99
84) Chrysene	21.23	228	732890	20.551 ng/ul	99
86) Di-n-octyl phthalate	21.99	149	568809	15.256 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	836573	21.761 ng/ul#	94
88) Benzo(k)fluoranthene	22.79	252	779079	20.945 ng/ul#	96
90) Benzo(a)pyrene	23.30	252	788558	21.183 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.59	276	896198	19.691 ng/ul#	90
92) Dibenzo(a,h)anthracene	25.60	278	763239	19.922 ng/ul#	92
93) Benzo(g,h,i)perylene	26.26	276	720086	18.928 ng/ul#	89

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

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