Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050619\
Data File : BN005487.D
Acq On : 06 May 2019 11:19
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02098

Manual Integrations APPROVED
mohammad
5/7/2019 3:12:54 PM

Quant Time: May 07 06:30:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	310380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1312268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	805530	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1733598m	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1176478	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	1297261	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	40938	6.37	ng/uL	0.00
5) Phenol-d5	6.78	99	440230	18.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	244671	16.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	364942	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	364388	19.12	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	183360	22.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	206348	25.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	401579	21.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.49	131	418687	21.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1158235	19.81	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1442736	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	169919	18.40	ng/ul	0.00
57) Fluorene-d10	15.23	176	979861	19.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	116662m	14.96	ng/ul	0.00
70) Anthracene-d10	17.08	188	1441938	19.84	ng/ul	0.00
78) Pyrene-d10	19.40	212	1327347	22.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1126827	19.88	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	45369	6.562	ng/uL	100
4) Benzaldehyde	6.75	77	302484	17.510	ng/ul	97
6) Phenol	6.80	94	455017	18.147	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	344247	17.146	ng/ul	93
10) 2-Chlorophenol	7.16	128	369955	19.182	ng/ul	94
11) 2-Methylphenol	8.03	108	357265	19.015	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	483027	14.329	ng/ul	96
14) Acetophenone	8.40	105	587988	19.280	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	286399	17.556	ng/ul	88
16) 4-Methylphenol	8.36	108	384852	18.966	ng/ul	95
17) Hexachloroethane	8.65	117	156279	18.659	ng/ul	92
20) Nitrobenzene	8.78	77	421525	18.964	ng/ul	94
21) Isophorone	9.30	82	809577	18.395	ng/ul	96
23) 2-Nitrophenol	9.48	139	214201	23.086	ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	445001	19.154	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	486667	17.596	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	380967	20.567	ng/ul	98
28) Naphthalene	10.40	128	1199849	19.668	ng/ul	99
30) 4-Chloroaniline	10.52	127	428422	21.730	ng/ul	100
31) Hexachlorobutadiene	10.69	225	274368	20.975	ng/ul	98
32) Caprolactam	11.27	113	125372	22.370	ng/ul	79
33) 4-Chloro-3-methylphenol	11.66	107	411887	19.747	ng/ul	93
34) 2-Methylnaphthalene	12.02	142	891166	19.951	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	519862	20.854 ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	200296	11.784 ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	323356	21.511 ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	344835	21.348 ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1160516	19.336 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	913267	19.784 ng/ul	96
42) 2-Nitroaniline	13.30	65	255099	20.836 ng/ul	88
44) Dimethylphthalate	13.69	163	1130138	19.396 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	239152	23.771 ng/ul	87
47) Acenaphthylene	13.95	152	1387260	19.655 ng/ul	98
48) 3-Nitroaniline	14.14	138	216531	23.151 ng/ul	90
49) Acenaphthene	14.29	153	948493	19.685 ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	57082	11.648 ng/ul	90
52) 4-Nitrophenol	14.47	109	138172	16.487 ng/ul	96
53) Dibenzofuran	14.63	168	1369006	19.734 ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	333429	22.990 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.86	232	293095	21.811 ng/ul#	94
56) Diethylphthalate	15.07	149	1137379	19.468 ng/ul	99
58) Fluorene	15.29	166	1085588	20.054 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.28	204	586028	20.407 ng/ul	97
60) 4-Nitroaniline	15.31	138	244281	20.950 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.38	198	122310m	14.739 ng/ul	
64) N-Nitrosodiphenylamine	15.50	169	956716	20.164 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	374205	21.426 ng/ul	93
66) Hexachlorobenzene	16.29	284	403122	21.677 ng/ul	93
67) Atrazine	16.46	200	363221	20.563 ng/ul	95
68) Pentachlorophenol	16.64	266	197191m	18.109 ng/ul	
69) Phenanthrene	17.03	178	1644177m	19.474 ng/ul	
71) Anthracene	17.12	178	1671727	19.437 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	528343	20.865 ng/uL	97
73) Pentachlorobenzene	14.55	250	488297	21.426 ng/uL	99
74) Carbazole	17.39	167	1398156	18.924 ng/ul	99
75) Di-n-butylphthalate	17.97	149	1889138	20.379 ng/ul	100
76) Fluoranthene	19.06	202	1698796	18.140 ng/ul#	95
79) Pyrene	19.43	202	1646161	21.732 ng/ul#	93
80) Butylbenzylphthalate	20.36	149	710334	23.685 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.14	252	500806	21.306 ng/ul#	98
82) Benzo(a)anthracene	21.20	228	1413236	19.309 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	1015362	21.987 ng/ul#	95
84) Chrysene	21.26	228	1332340	19.615 ng/ul	98
86) Di-n-octyl phthalate	22.04	149	1606650	20.221 ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	1393588	19.111 ng/ul#	98
88) Benzo(k)fluoranthene	22.83	252	1333060	19.141 ng/ul	98
90) Benzo(a)pyrene	23.34	252	1349035	19.681 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.63	276	1578590	20.830 ng/ul	95
92) Dibenzo(a,h)anthracene	25.64	278	1340657	20.845 ng/ul#	95
93) Benzo(g,h,i)perylene	26.30	276	1321917	21.096 ng/ul#	93

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

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