Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006427.D
Acq On : 20 Jun 2019 10:09
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02016

Manual Integrations APPROVED
mohammad
6/21/2019 10:00:06 PM

Quant Time: Jun 20 11:08:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 07:11:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	294106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1377748	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	835507	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1868670	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1756378	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1887549	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	62137	8.25	ng/uL	0.00
5) Phenol-d5	6.80	99	628721	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	405158	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	473240	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	488847	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	234955	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	257712	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	477213	20.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	619194	23.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1509646	20.62	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1878419	20.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	265535	21.22	ng/ul	0.00
57) Fluorene-d10	15.28	176	1286107	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	240739	20.36	ng/ul	0.00
70) Anthracene-d10	17.14	188	1985856	21.11	ng/ul	0.00
78) Pyrene-d10	19.45	212	2190839	21.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	2222248	20.84	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	66020	8.655	ng/uL	97
4) Benzaldehyde	6.78	77	256631	20.288	ng/ul	99
6) Phenol	6.83	94	614782	20.363	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.06	93	474330	20.632	ng/ul	98
10) 2-Chlorophenol	7.19	128	448747	20.282	ng/ul	98
11) 2-Methylphenol	8.07	108	458746	20.062	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	759682	20.892	ng/ul	99
14) Acetophenone	8.45	105	729680	20.471	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	401232	20.042	ng/ul	100
16) 4-Methylphenol	8.40	108	503789	20.112	ng/ul	98
17) Hexachloroethane	8.69	117	182327	20.322	ng/ul	98
20) Nitrobenzene	8.82	77	561651	21.097	ng/ul	100
21) Isophorone	9.34	82	1124285	20.433	ng/ul	98
23) 2-Nitrophenol	9.53	139	261732	21.640	ng/ul	99
24) 2,4-Dimethylphenol	9.59	107	554805	21.015	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	682621	20.448	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	437590	20.732	ng/ul	99
28) Naphthalene	10.46	128	1475238	20.339	ng/ul	100
30) 4-Chloroaniline	10.58	127	586415	23.401	ng/ul	100
31) Hexachlorobutadiene	10.74	225	249398	20.338	ng/ul	100
32) Caprolactam	11.33	113	163797m	20.210	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	525057	20.680	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	1081441	20.605	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	512293	20.673	ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	208397	19.356	ng/ul	100
38) 2,4,6-Trichlorophenol	12.70	196	335097	20.807	ng/ul	99
39) 2,4,5-Trichlorophenol	12.78	196	355607	21.467	ng/ul	99
40) 1,1'-Biphenyl	13.10	154	1372024	20.754	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	1062037	20.717	ng/ul	98
42) 2-Nitroaniline	13.36	65	358254	22.355	ng/ul	100
44) Dimethylphthalate	13.75	163	1381938	20.471	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	285956	21.736	ng/ul	100
47) Acenaphthylene	14.00	152	1642638	20.654	ng/ul	100
48) 3-Nitroaniline	14.20	138	287287	22.080	ng/ul	100
49) Acenaphthene	14.35	153	1166710	20.584	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	111399	17.535	ng/ul	96
52) 4-Nitrophenol	14.52	109	190594	21.776	ng/ul	98
53) Dibenzofuran	14.69	168	1609803	20.496	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	416697	21.997	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.92	232	309198	20.731	ng/ul	97
56) Diethylphthalate	15.12	149	1411274	20.691	ng/ul	99
58) Fluorene	15.34	166	1322015	20.822	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	641726	20.631	ng/ul	100
60) 4-Nitroaniline	15.37	138	298856	21.400	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.44	198	237252	20.505	ng/ul	99
64) N-Nitrosodiphenylamine	15.55	169	1168374	20.759	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	400047	20.789	ng/ul	99
66) Hexachlorobenzene	16.35	284	437670	20.396	ng/ul	99
67) Atrazine	16.51	200	427512	22.041	ng/ul	97
68) Pentachlorophenol	16.70	266	208876	19.972	ng/ul	95
69) Phenanthrene	17.08	178	2124812	20.616	ng/ul	99
71) Anthracene	17.17	178	2200596	21.033	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	518965	20.636	ng/uL	98
73) Pentachlorobenzene	14.60	250	512199	20.426	ng/uL	99
74) Carbazole	17.45	167	2008756	22.246	ng/ul	99
75) Di-n-butylphthalate	18.01	149	2467796	21.409	ng/ul	100
76) Fluoranthene	19.11	202	2488796	22.406	ng/ul	99
79) Pyrene	19.47	202	2558644	21.396	ng/ul	99
80) Butylbenzylphthalate	20.39	149	1190906	22.211	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.18	252	762669	20.538	ng/ul	98
82) Benzo(a)anthracene	21.25	228	2500509	20.829	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1652086	21.487	ng/ul	99
84) Chrysene	21.30	228	2357024	20.630	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	2918322	24.062	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	2386939	21.071	ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	2358318	21.782	ng/ul	99
90) Benzo(a)pyrene	23.40	252	2261277	20.817	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.73	276	2372032	18.452	ng/ul	100
92) Dibenzo(a,h)anthracene	25.73	278	1996000	18.750	ng/ul	99
93) Benzo(g,h,i)perylene	26.41	276	1935399	17.875	ng/ul	99

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

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