Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006450.D
Acq On : 21 Jun 2019 04:02
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02018

Manual Integrations APPROVED
mohammad
6/21/2019 10:00:15 PM

Quant Time: Jun 21 06:32:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 04:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	217025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1038256	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	628197	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1400925	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1390796	20.00	ng/ul	-0.02
85) Perylene-d12	23.48	264	1578663	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	44275	7.97	ng/uL	0.00
5) Phenol-d5	6.80	99	467642	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	299851	20.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	349356	20.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	365211	19.92	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	173586	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	190223	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	357830	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	459688	22.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1114197	20.24	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1402097	20.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	189526	20.15	ng/ul	0.00
57) Fluorene-d10	15.28	176	970148	20.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	168379	18.99	ng/ul	0.00
70) Anthracene-d10	17.13	188	1474779	20.91	ng/ul	0.00
78) Pyrene-d10	19.45	212	1644516	20.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1857134	20.83	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	45034	8.001	ng/uL	98
4) Benzaldehyde	6.78	77	196176	21.017	ng/ul	98
6) Phenol	6.83	94	454726	20.411	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.06	93	350000	20.631	ng/ul	99
10) 2-Chlorophenol	7.19	128	333202	20.409	ng/ul	97
11) 2-Methylphenol	8.07	108	339793	20.137	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	564634	21.043	ng/ul	99
14) Acetophenone	8.45	105	546042	20.760	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	296247	20.053	ng/ul	100
16) 4-Methylphenol	8.40	108	374331	20.252	ng/ul	98
17) Hexachloroethane	8.69	117	133668	20.190	ng/ul	96
20) Nitrobenzene	8.82	77	414977	20.685	ng/ul	97
21) Isophorone	9.34	82	837111	20.188	ng/ul	99
23) 2-Nitrophenol	9.53	139	192071	21.073	ng/ul	99
24) 2,4-Dimethylphenol	9.59	107	413170	20.768	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	507917	20.190	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	331007	20.810	ng/ul	100
28) Naphthalene	10.46	128	1120235	20.495	ng/ul	99
30) 4-Chloroaniline	10.58	127	436088	23.092	ng/ul	100
31) Hexachlorobutadiene	10.73	225	186403	20.171	ng/ul	97
32) Caprolactam	11.33	113	122508m	20.058	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	391802	20.477	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	811234	20.511	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	390496	20.958	ng/ul	97
37) Hexachlorocyclopentadiene	12.43	237	130401	16.109	ng/ul	100
38) 2,4,6-Trichlorophenol	12.70	196	250640	20.698	ng/ul	98
39) 2,4,5-Trichlorophenol	12.78	196	268439	21.553	ng/ul	99
40) 1,1'-Biphenyl	13.10	154	1036303	20.849	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	799001	20.729	ng/ul	98
42) 2-Nitroaniline	13.36	65	260295	21.602	ng/ul	97
44) Dimethylphthalate	13.74	163	1026992	20.233	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	208503	21.079	ng/ul	99
47) Acenaphthylene	14.00	152	1239422	20.727	ng/ul	99
48) 3-Nitroaniline	14.20	138	210494	21.517	ng/ul	99
49) Acenaphthene	14.35	153	877722	20.596	ng/ul	100
50) 2,4-Dinitrophenol	14.42	184	74800	15.660	ng/ul	97
52) 4-Nitrophenol	14.52	109	135324	20.563	ng/ul	98
53) Dibenzofuran	14.68	168	1233016	20.879	ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	303725	21.324	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.92	232	230386	20.545	ng/ul	99
56) Diethylphthalate	15.12	149	1028426	20.054	ng/ul	100
58) Fluorene	15.33	166	997758	20.901	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	489994	20.951	ng/ul	99
60) 4-Nitroaniline	15.37	138	214526	20.430	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.43	198	166438	19.188	ng/ul#	94
64) N-Nitrosodiphenylamine	15.55	169	870620	20.633	ng/ul	98
65) 4-Bromophenyl-phenylether	16.23	248	297404	20.615	ng/ul	99
66) Hexachlorobenzene	16.35	284	331943	20.634	ng/ul	99
67) Atrazine	16.51	200	307640	21.157	ng/ul	98
68) Pentachlorophenol	16.69	266	152349	19.431	ng/ul	98
69) Phenanthrene	17.08	178	1603014	20.746	ng/ul	99
71) Anthracene	17.17	178	1645690	20.981	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	390877	20.732	ng/uL	99
73) Pentachlorobenzene	14.60	250	385960	20.530	ng/uL	98
74) Carbazole	17.45	167	1492804	22.052	ng/ul	99
75) Di-n-butylphthalate	18.01	149	1814598	20.998	ng/ul	100
76) Fluoranthene	19.11	202	1866213	22.410	ng/ul	98
79) Pyrene	19.47	202	1926895	20.349	ng/ul	100
80) Butylbenzylphthalate	20.39	149	873675	20.577	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.17	252	609109	20.714	ng/ul	99
82) Benzo(a)anthracene	21.24	228	1928296	20.285	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1274742	20.937	ng/ul	100
84) Chrysene	21.29	228	1865673	20.621	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	2281289	22.490	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	1993219	21.038	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1915626	21.155	ng/ul	99
90) Benzo(a)pyrene	23.39	252	1901654	20.932	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.72	276	2094286	19.479	ng/ul	100
92) Dibenzo(a,h)anthracene	25.73	278	1767289	19.849	ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	1689651	18.659	ng/ul	100

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

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