Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000604.D
Acq On : 10 Oct 2019 09:58
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02078

Manual Integrations APPROVED
mohammad
10/12/2019 7:35:00 AM

Quant Time: Oct 10 11:34:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 17:20:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	256362	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	974790	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	548074	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	1002113	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	844163	20.00	ng/ul	0.00
86) Perylene-d12	15.44	264	924434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.37	96	47543	7.69	ng/uL	0.00
5) Phenol-d5	6.39	99	391674	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	202170	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	329609	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	309863	20.51	ng/ul	0.00
19) Nitrobenzene-d5	7.31	128	155340	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	168539	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	305962	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	352470	20.99	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	772638	20.14	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	962058	20.38	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	114226	19.33	ng/ul	0.00
58) Fluorene-d10	10.32	176	656136	19.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	97424	20.41	ng/ul	0.00
71) Anthracene-d10	11.35	188	947565	20.41	ng/ul	0.00
79) Pyrene-d10	12.73	212	966123	20.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.35	264	906214	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	49004	7.761	ng/uL	98
4) Benzaldehyde	6.30	77	259596	20.826	ng/ul	98
6) Phenol	6.40	94	409204	20.526	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.48	93	322049	20.618	ng/ul	97
10) 2-Chlorophenol	6.54	128	345438	19.903	ng/ul	97
11) 2-Methylphenol	7.01	108	314147	20.296	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.03	45	303263	21.381	ng/ul	100
14) Acetophenone	7.16	105	478141	21.384	ng/ul	98
15) N-Nitroso-di-n-propylamine	7.16	70	204989	20.401	ng/ul	98
16) 4-Methylphenol	7.16	108	332085	21.945	ng/ul	96
17) Hexachloroethane	7.26	117	135980	20.176	ng/ul	89
20) Nitrobenzene	7.33	77	324897	20.629	ng/ul	98
21) Isophorone	7.57	82	618172	20.298	ng/ul	97
23) 2-Nitrophenol	7.65	139	181657	21.073	ng/ul	98
24) 2,4-Dimethylphenol	7.69	107	341036	20.076	ng/ul	99
25) Bis(2-Chloroethoxy)methane	7.78	93	405685	20.186	ng/ul	99
27) 2,4-Dichlorophenol	7.89	162	300658	20.232	ng/ul	97
28) Naphthalene	8.06	128	1004733	20.448	ng/ul	100
30) 4-Chloroaniline	8.10	127	355070	21.095	ng/ul	100
31) Hexachlorobutadiene	8.18	225	190320	20.081	ng/ul	98
32) Caprolactam	8.44	113	93429m	19.577	ng/ul	
33) 4-Chloro-3-methylphenol	8.59	107	297673	20.231	ng/ul	98
34) 2-Methylnaphthalene	8.75	142	694496	20.352	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	8.85	142	665817	20.332	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	8.92	216	351897	20.398	ng/ul	99
38) Hexachlorocyclopentadiene	8.91	237	120897	23.756	ng/ul	99
39) 2,4,6-Trichlorophenol	9.03	196	211564	20.448	ng/ul	99
40) 2,4,5-Trichlorophenol	9.08	196	226411	20.162	ng/ul	99
41) 1,1'-Biphenyl	9.22	154	853140	20.398	ng/ul	99
42) 2-Chloronaphthalene	9.24	162	655272	20.095	ng/ul	98
43) 2-Nitroaniline	9.33	65	155745	21.149	ng/ul	94
45) Dimethylphthalate	9.52	163	766011	20.038	ng/ul	99
46) 2,6-Dinitrotoluene	9.58	165	160190	21.124	ng/ul	92
48) Acenaphthylene	9.66	152	999632	20.527	ng/ul	99
49) 3-Nitroaniline	9.75	138	165163	20.825	ng/ul	95
50) Acenaphthene	9.83	153	682683	20.252	ng/ul	99
51) 2,4-Dinitrophenol	9.86	184	57828	20.711	ng/ul	96
53) 4-Nitrophenol	9.92	109	80825	20.030	ng/ul	95
54) Dibenzofuran	10.00	168	947987	20.206	ng/ul	97
55) 2,4-Dinitrotoluene	9.99	165	219262	20.932	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	10.13	232	165212	20.284	ng/ul	93
57) Diethylphthalate	10.22	149	756389	20.487	ng/ul	98
59) Fluorene	10.35	166	745883	20.458	ng/ul	99
60) 4-Chlorophenyl-phenylether	10.34	204	376467	20.155	ng/ul	93
61) 4-Nitroaniline	10.36	138	184346	20.411	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	105258	21.029	ng/ul#	92
65) N-Nitrosodiphenylamine	10.46	169	652997	20.429	ng/ul	100
66) 4-Bromophenyl-phenylether	10.83	248	233248	20.110	ng/ul	94
67) Hexachlorobenzene	10.90	284	248456	20.225	ng/ul	94
68) Atrazine	10.99	200	222889	20.546	ng/ul	98
69) Pentachlorophenol	11.10	266	82465	17.054	ng/ul	98
70) Phenanthrene	11.32	178	1111413	20.350	ng/ul	99
72) Anthracene	11.37	178	1123403	20.269	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	9.20	216	337392	20.410	ng/uL	99
74) Pentachlorobenzene	9.97	250	312855	20.183	ng/uL	98
75) Carbazole	11.53	167	1010031	21.360	ng/ul	100
76) Di-n-butylphthalate	11.87	149	1201278	21.169	ng/ul	99
77) Fluoranthene	12.52	202	1213991	21.694	ng/ul	97
80) Pyrene	12.75	202	1217904	20.335	ng/ul	96
81) Butylbenzylphthalate	13.38	149	505789	20.665	ng/ul	95
82) 3,3'-Dichlorobenzidine	13.92	252	415584	19.379	ng/ul	99
83) Benzo(a)anthracene	13.96	228	1160402	20.481	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	693297	21.310	ng/ul#	98
85) Chrysene	13.99	228	1044938	19.843	ng/ul	100
87) Di-n-octyl phthalate	14.57	149	1174897	22.168	ng/ul	100
88) Benzo(b)fluoranthene	15.01	252	1144288	20.747	ng/ul	100
89) Benzo(k)fluoranthene	15.04	252	1042231	19.843	ng/ul	99
91) Benzo(a)pyrene	15.38	252	1052690	20.158	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.90	276	1186500	19.821	ng/ul	100
93) Dibenzo(a,h)anthracene	16.92	278	986755	20.110	ng/ul	99
94) Benzo(g,h,i)perylene	17.34	276	983588	19.735	ng/ul	99

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

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