Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000220.D
Acq On : 12 Sep 2019 17:42
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02019

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:20 AM

Quant Time: Sep 13 13:37:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 13 02:45:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	247620	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	944602	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	524093	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	994816	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	862496	20.00	ng/ul	0.01
86) Perylene-d12	15.75	264	964567	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	49819	7.13	ng/uL	0.00
5) Phenol-d5	6.51	99	414110	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	208066	18.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	346329	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	322674	20.37	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	154902	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	171498	24.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	310934	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	402928	21.98	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	811584	20.97	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1108357	23.18	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	143809	20.80	ng/ul	0.00
58) Fluorene-d10	10.48	176	705672	21.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	99742	21.81	ng/ul	0.01
71) Anthracene-d10	11.51	188	1016408	21.10	ng/ul	0.00
79) Pyrene-d10	12.91	212	1036364	20.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.65	264	893225	17.87	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	49474	6.979	ng/uL	99
4) Benzaldehyde	6.44	77	259397	24.342	ng/ul	96
6) Phenol	6.53	94	410922	18.694	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.62	93	326090	18.940	ng/ul	95
10) 2-Chlorophenol	6.68	128	346784	19.260	ng/ul	97
11) 2-Methylphenol	7.14	108	318095	19.350	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.17	45	301879	18.295	ng/ul	97
14) Acetophenone	7.30	105	483916	20.355	ng/ul	97
15) N-Nitroso-di-n-propylamine	7.30	70	209536	18.766	ng/ul	97
16) 4-Methylphenol	7.29	108	326692	19.988	ng/ul	97
17) Hexachloroethane	7.41	117	141168	19.840	ng/ul	91
20) Nitrobenzene	7.47	77	331570	19.576	ng/ul	99
21) Isophorone	7.71	82	636707	19.209	ng/ul	99
23) 2-Nitrophenol	7.79	139	179722	22.274	ng/ul	96
24) 2,4-Dimethylphenol	7.82	107	355502	19.718	ng/ul	96
25) Bis(2-Chloroethoxy)methane	7.92	93	415154	18.980	ng/ul	99
27) 2,4-Dichlorophenol	8.03	162	304182	20.457	ng/ul	94
28) Naphthalene	8.20	128	1012952	19.687	ng/ul	99
30) 4-Chloroaniline	8.25	127	397437	21.383	ng/ul	98
31) Hexachlorobutadiene	8.32	225	195221	20.894	ng/ul	97
32) Caprolactam	8.58	113	124528m	24.421	ng/ul	
33) 4-Chloro-3-methylphenol	8.72	107	306329	20.316	ng/ul	97
34) 2-Methylnaphthalene	8.90	142	698461	19.877	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	9.00	142	668742	19.942	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	9.07	216	345101	19.784	ng/ul	97
38) Hexachlorocyclopentadiene	9.06	237	185005	20.091	ng/ul	99
39) 2,4,6-Trichlorophenol	9.18	196	219607	21.233	ng/ul	97
40) 2,4,5-Trichlorophenol	9.21	196	246922	22.012	ng/ul	99
41) 1,1'-Biphenyl	9.36	154	858757	19.894	ng/ul	97
42) 2-Chloronaphthalene	9.39	162	677378	20.156	ng/ul	99
43) 2-Nitroaniline	9.48	65	162006	21.486	ng/ul	97
45) Dimethylphthalate	9.66	163	814110	20.847	ng/ul	98
46) 2,6-Dinitrotoluene	9.72	165	166587	22.708	ng/ul#	86
48) Acenaphthylene	9.80	152	952222	19.043	ng/ul	96
49) 3-Nitroaniline	9.89	138	184098	23.077	ng/ul	93
50) Acenaphthene	9.98	153	706961	20.420	ng/ul	97
51) 2,4-Dinitrophenol	10.00	184	64065	20.590	ng/ul#	1
53) 4-Nitrophenol	10.05	109	105514	20.502	ng/ul	90
54) Dibenzofuran	10.16	168	963882	20.292	ng/ul	99
55) 2,4-Dinitrotoluene	10.13	165	227601	22.378	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	10.28	232	193745	22.670	ng/ul	96
57) Diethylphthalate	10.37	149	805946	21.056	ng/ul	98
59) Fluorene	10.50	166	758836	20.652	ng/ul	99
60) 4-Chlorophenyl-phenylether	10.49	204	381557	20.580	ng/ul	96
61) 4-Nitroaniline	10.51	138	180719	23.532	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	101948	20.475	ng/ul#	90
65) N-Nitrosodiphenylamine	10.61	169	657277	19.675	ng/ul	96
66) 4-Bromophenyl-phenylether	10.99	248	234770	20.212	ng/ul	95
67) Hexachlorobenzene	11.07	284	266306	21.672	ng/ul#	84
68) Atrazine	11.15	200	286221	24.252	ng/ul	97
69) Pentachlorophenol	11.26	266	145637	21.146	ng/ul	96
70) Phenanthrene	11.48	178	1179059	20.042	ng/ul	98
72) Anthracene	11.53	178	1176505	20.323	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	9.35	216	336859	19.107	ng/uL	97
74) Pentachlorobenzene	10.12	250	337695	21.147	ng/uL	96
75) Carbazole	11.69	167	1063006	21.477	ng/ul	99
76) Di-n-butylphthalate	12.03	149	1310049	21.855	ng/ul	99
77) Fluoranthene	12.69	202	1310942	22.093	ng/ul	99
80) Pyrene	12.93	202	1283411	19.723	ng/ul	95
81) Butylbenzylphthalate	13.57	149	574824	22.512	ng/ul	99
82) 3,3'-Dichlorobenzidine	14.12	252	474696	22.525	ng/ul	95
83) Benzo(a)anthracene	14.16	228	1152071	18.453	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	14.16	149	809969	22.843	ng/ul	100
85) Chrysene	14.19	228	1227301	21.422	ng/ul	98
87) Di-n-octyl phthalate	14.80	149	1385145	22.366	ng/ul	100
88) Benzo(b)fluoranthene	15.29	252	1123792m	17.579	ng/ul	
89) Benzo(k)fluoranthene	15.30	252	1208249m	20.050	ng/ul	
91) Benzo(a)pyrene	15.67	252	1125843	18.770	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	17.36	276	1235284	17.901	ng/ul	97
93) Dibenzo(a,h)anthracene	17.38	278	1052261m	18.410	ng/ul	
94) Benzo(g,h,i)perylene	17.84	276	1019886	17.727	ng/ul	98

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

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