Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000176.D
Acq On : 10 Sep 2019 19:49
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02016

Manual Integrations APPROVED
mohammad
9/12/2019 9:29:14 AM

Quant Time: Sep 11 02:46:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	388085	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1511034	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	813710	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1455739	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1102343	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1138860	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	79426	7.26	ng/uL	0.01
5) Phenol-d5	6.51	99	675659	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	343325	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	549896	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	516560	20.80	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	251451	21.92	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	264288	23.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	500610	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	651143	22.21	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1215206	20.23	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1660242	22.36	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	216594	20.17	ng/ul	0.00
58) Fluorene-d10	10.47	176	1045438	20.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	140781	21.04	ng/ul	0.00
71) Anthracene-d10	11.50	188	1462084	20.74	ng/ul	0.00
79) Pyrene-d10	12.90	212	1458687	22.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1192033	20.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	79666	7.170	ng/uL	96
4) Benzaldehyde	6.44	77	418082	25.032	ng/ul	99
6) Phenol	6.52	94	678992	19.709	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.62	93	545943	20.233	ng/ul	94
10) 2-Chlorophenol	6.68	128	560949	19.878	ng/ul	99
11) 2-Methylphenol	7.13	108	514109	19.955	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.17	45	504888	19.523	ng/ul	98
14) Acetophenone	7.29	105	768690	20.631	ng/ul#	87
15) N-Nitroso-di-n-propylamine	7.30	70	337948	19.311	ng/ul	95
16) 4-Methylphenol	7.29	108	522183	20.385	ng/ul	97
17) Hexachloroethane	7.41	117	222564	19.958	ng/ul	94
20) Nitrobenzene	7.47	77	539131	19.899	ng/ul	96
21) Isophorone	7.71	82	1044474	19.699	ng/ul	97
23) 2-Nitrophenol	7.79	139	282380	21.878	ng/ul	92
24) 2,4-Dimethylphenol	7.82	107	564472	19.572	ng/ul	99
25) Bis(2-Chloroethoxy)methane	7.92	93	683301	19.529	ng/ul	99
27) 2,4-Dichlorophenol	8.03	162	462999	19.466	ng/ul	97
28) Naphthalene	8.20	128	1652163	20.073	ng/ul	100
30) 4-Chloroaniline	8.24	127	643978	21.659	ng/ul	99
31) Hexachlorobutadiene	8.32	225	304213	20.354	ng/ul	99
32) Caprolactam	8.58	113	195051m	23.912	ng/ul	
33) 4-Chloro-3-methylphenol	8.72	107	485436	20.126	ng/ul	96
34) 2-Methylnaphthalene	8.89	142	1108245	19.716	ng/ul	99

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35) 1-Methylnaphthalene	8.99	142	1091731	20.352	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	9.06	216	540825	19.969	ng/ul	99
38) Hexachlorocyclopentadiene	9.06	237	271602	18.997	ng/ul	99
39) 2,4,6-Trichlorophenol	9.17	196	331801	20.662	ng/ul	99
40) 2,4,5-Trichlorophenol	9.20	196	369908	21.239	ng/ul	98
41) 1,1'-Biphenyl	9.36	154	1354745	20.213	ng/ul	98
42) 2-Chloronaphthalene	9.39	162	1081195	20.721	ng/ul	96
43) 2-Nitroaniline	9.47	65	248858	21.258	ng/ul	91
45) Dimethylphthalate	9.66	163	1196994	19.742	ng/ul	99
46) 2,6-Dinitrotoluene	9.72	165	253121	22.223	ng/ul	93
48) Acenaphthylene	9.80	152	1556495	20.049	ng/ul	99
49) 3-Nitroaniline	9.89	138	272965	22.038	ng/ul	99
50) Acenaphthene	9.98	153	1083544	20.158	ng/ul	99
51) 2,4-Dinitrophenol	9.99	184	91539	18.949	ng/ul#	1
53) 4-Nitrophenol	10.04	109	155267	19.431	ng/ul	97
54) Dibenzofuran	10.15	168	1486042	20.150	ng/ul	100
55) 2,4-Dinitrotoluene	10.12	165	332655	21.065	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	10.27	232	276428	20.832	ng/ul	99
57) Diethylphthalate	10.37	149	1186715	19.969	ng/ul	99
59) Fluorene	10.50	166	1132906	19.859	ng/ul	98
60) 4-Chlorophenyl-phenylether	10.49	204	580505	20.166	ng/ul	98
61) 4-Nitroaniline	10.50	138	253974	21.301	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	10.54	198	148771	20.419	ng/ul	96
65) N-Nitrosodiphenylamine	10.60	169	995358	20.361	ng/ul	98
66) 4-Bromophenyl-phenylether	10.99	248	348546	20.507	ng/ul	92
67) Hexachlorobenzene	11.06	284	364126	20.250	ng/ul	97
68) Atrazine	11.14	200	414516	24.002	ng/ul	98
69) Pentachlorophenol	11.25	266	203410	20.184	ng/ul	98
70) Phenanthrene	11.47	178	1737338	20.181	ng/ul	99
72) Anthracene	11.53	178	1688943	19.938	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	9.35	216	523711	20.300	ng/uL	97
74) Pentachlorobenzene	10.12	250	479699	20.528	ng/uL	98
75) Carbazole	11.68	167	1524436	21.048	ng/ul	99
76) Di-n-butylphthalate	12.03	149	1897138	21.628	ng/ul	100
77) Fluoranthene	12.68	202	1819919	20.960	ng/ul	98
80) Pyrene	12.92	202	1777093	21.368	ng/ul	97
81) Butylbenzylphthalate	13.56	149	799155	24.488	ng/ul	96
82) 3,3'-Dichlorobenzidine	14.10	252	586974	21.793	ng/ul	99
83) Benzo(a)anthracene	14.13	228	1642918	20.589	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	14.15	149	1156808	25.526	ng/ul	100
85) Chrysene	14.17	228	1440984	19.679	ng/ul	99
87) Di-n-octyl phthalate	14.79	149	1927437	26.359	ng/ul	100
88) Benzo(b)fluoranthene	15.23	252	1485028	19.674	ng/ul	99
89) Benzo(k)fluoranthene	15.26	252	1485297	20.875	ng/ul	96
91) Benzo(a)pyrene	15.62	252	1413191	19.955	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	17.25	276	1575514	19.338	ng/ul	98
93) Dibenzo(a,h)anthracene	17.27	278	1330875	19.722	ng/ul	99
94) Benzo(g,h,i)perylene	17.72	276	1310091	19.286	ng/ul	100

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

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