Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\
Data File : BM022808.D
Acq On : 28 Sep 2019 04:18
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02004

Manual Integrations APPROVED
mohammad
9/30/2019 8:14:44 AM

Quant Time: Sep 28 05:02:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 04:24:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	231268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1030778	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	665609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	1395819	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1461688	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1524919	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	40656	7.60	ng/uL	0.00
5) Phenol-d5	6.97	99	376220	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	215403	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	308700	18.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	309364	18.49	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	149916	18.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	160465	18.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	327697	18.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	350865	16.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	966019	18.70	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	1137856	19.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	188783	18.50	ng/ul	0.00
58) Fluorene-d10	15.43	176	838138	19.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	147997	16.29	ng/ul	0.00
71) Anthracene-d10	17.28	188	1300633	19.08	ng/ul	0.00
79) Pyrene-d10	19.57	212	1459501	18.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.48	264	1472847	18.67	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	39171	7.405	ng/uL	97
4) Benzaldehyde	6.95	77	137784	14.879	ng/ul	99
6) Phenol	7.00	94	397161	18.540	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	310622	19.173	ng/ul	99
10) 2-Chlorophenol	7.37	128	327610	18.560	ng/ul	99
11) 2-Methylphenol	8.25	108	306095	18.540	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	425746	19.875	ng/ul	99
14) Acetophenone	8.63	105	490984	19.197	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	250659	19.082	ng/ul	99
16) 4-Methylphenol	8.57	108	340262	18.639	ng/ul	98
17) Hexachloroethane	8.89	117	127901	19.067	ng/ul	97
20) Nitrobenzene	9.00	77	350307	18.864	ng/ul	99
21) Isophorone	9.53	82	700095	19.137	ng/ul	100
23) 2-Nitrophenol	9.72	139	184127	18.533	ng/ul	99
24) 2,4-Dimethylphenol	9.77	107	366880	18.966	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	447139	19.164	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	329045	18.796	ng/ul	99
28) Naphthalene	10.65	128	1063273	19.100	ng/ul	99
30) 4-Chloroaniline	10.76	127	375046	16.947	ng/ul	99
31) Hexachlorobutadiene	10.95	225	201319	19.007	ng/ul	100
32) Caprolactam	11.54	113	104129m	18.371	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	341402	18.943	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	796517	19.084	ng/ul	99

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35) 1-Methylnaphthalene	12.49	142	762909	19.138	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.63	216	412808	18.903	ng/ul	99
38) Hexachlorocyclopentadiene	12.62	237	227833	16.646	ng/ul	98
39) 2,4,6-Trichlorophenol	12.87	196	272736	18.830	ng/ul	99
40) 2,4,5-Trichlorophenol	12.95	196	297005	18.802	ng/ul	99
41) 1,1'-Biphenyl	13.28	154	1036488	19.018	ng/ul	100
42) 2-Chloronaphthalene	13.32	162	792457	19.019	ng/ul	99
43) 2-Nitroaniline	13.52	65	206835	19.142	ng/ul	99
45) Dimethylphthalate	13.90	163	1007970	18.994	ng/ul	99
46) 2,6-Dinitrotoluene	14.02	165	203306	19.214	ng/ul	99
48) Acenaphthylene	14.17	152	1237780	19.224	ng/ul	99
49) 3-Nitroaniline	14.34	138	179955	17.533	ng/ul	98
50) Acenaphthene	14.51	153	851625	18.987	ng/ul	100
51) 2,4-Dinitrophenol	14.55	184	100677	14.909	ng/ul	97
53) 4-Nitrophenol	14.65	109	140124	18.784	ng/ul	98
54) Dibenzofuran	14.85	168	1210327	18.894	ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	294227	18.847	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.07	232	259205	18.650	ng/ul	96
57) Diethylphthalate	15.27	149	1022960	19.201	ng/ul	100
59) Fluorene	15.49	166	990599	19.136	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.49	204	502442	19.148	ng/ul	98
61) 4-Nitroaniline	15.50	138	212604	18.337	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.57	198	169809	16.716	ng/ul	95
65) N-Nitrosodiphenylamine	15.70	169	869372	18.949	ng/ul	100
66) 4-Bromophenyl-phenylether	16.38	248	317125	18.833	ng/ul	98
67) Hexachlorobenzene	16.50	284	353868	18.848	ng/ul	98
68) Atrazine	16.65	200	314448	18.747	ng/ul	99
69) Pentachlorophenol	16.83	266	212874	17.478	ng/ul	99
70) Phenanthrene	17.23	178	1581178	18.981	ng/ul	100
72) Anthracene	17.32	178	1626331	19.160	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	409375	18.793	ng/uL	98
74) Pentachlorobenzene	14.77	250	411630	18.931	ng/uL	99
75) Carbazole	17.58	167	1471171	19.501	ng/ul	100
76) Di-n-butylphthalate	18.15	149	1755458	19.736	ng/ul	100
77) Fluoranthene	19.24	202	1877267	20.037	ng/ul	99
80) Pyrene	19.60	202	1959268	18.909	ng/ul	99
81) Butylbenzylphthalate	20.50	149	825854	19.380	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.27	252	603505	18.125	ng/ul	99
83) Benzo(a)anthracene	21.34	228	1996331	19.023	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.28	149	1257539	20.769	ng/ul	100
85) Chrysene	21.40	228	1847889	19.099	ng/ul	99
87) Di-n-octyl phthalate	22.16	149	2122080	20.462	ng/ul	100
88) Benzo(b)fluoranthene	22.94	252	1964409	19.412	ng/ul	99
89) Benzo(k)fluoranthene	22.99	252	1797758	18.569	ng/ul	100
91) Benzo(a)pyrene	23.53	252	1771470	18.659	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.93	276	1877922	18.622	ng/ul	99
93) Dibenzo(a,h)anthracene	25.94	278	1590099	18.849	ng/ul	100
94) Benzo(g,h,i)perylene	26.63	276	1505000	18.499	ng/ul	99

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

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