Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\
Data File : BM022789.D
Acq On : 27 Sep 2019 16:20
Operator : JU
Sample : SSTD02056
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Manual Integrations APPROVED
mohammad
9/30/2019 8:14:28 AM

Quant Time: Sep 27 16:56:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 16:10:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	216696	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	987747	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	637435	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	1330513	20.00	ng/ul	0.00
78) Chrysene-d12	21.37	240	1378540	20.00	ng/ul	0.00
86) Perylene-d12	23.64	264	1532557	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	37799	18.48	ng/uL	0.00
5) Phenol-d5	6.97	99	357329	17.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	199646	17.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	293988	17.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	294103	17.09	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	143776	17.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	154260	17.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	313286	17.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	332163	13.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	931638	17.45	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	1094511	17.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	182797	17.06	ng/ul	0.00
58) Fluorene-d10	15.44	176	799759	17.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	147752	16.33	ng/ul	0.00
71) Anthracene-d10	17.29	188	1237503	17.49	ng/ul	0.00
79) Pyrene-d10	19.57	212	1376927	17.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1475178	17.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	37302	18.352	ng/uL	98
4) Benzaldehyde	6.95	77	134528m	13.216	ng/ul	
6) Phenol	7.00	94	376915	17.330	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	292331	17.587	ng/ul	99
10) 2-Chlorophenol	7.37	128	313554	18.017	ng/ul	100
11) 2-Methylphenol	8.25	108	291448	17.360	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	392435	17.301	ng/ul	100
14) Acetophenone	8.63	105	466777	17.563	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	239034	18.098	ng/ul	98
16) 4-Methylphenol	8.58	108	323817	17.411	ng/ul	99
17) Hexachloroethane	8.89	117	119266	18.160	ng/ul	99
20) Nitrobenzene	9.00	77	340038	17.848	ng/ul	99
21) Isophorone	9.54	82	663913	17.677	ng/ul	99
23) 2-Nitrophenol	9.72	139	179961	17.843	ng/ul	99
24) 2,4-Dimethylphenol	9.78	107	349680	17.618	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	422832	17.588	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	314480	17.656	ng/ul	100
28) Naphthalene	10.66	128	1006484	17.583	ng/ul	100
30) 4-Chloroaniline	10.76	127	352386	13.807	ng/ul	100
31) Hexachlorobutadiene	10.95	225	188924	17.549	ng/ul	99
32) Caprolactam	11.54	113	100049m	15.855	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	326876	17.702	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	752537	17.503	ng/ul	99

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35) 1-Methylnaphthalene	12.49	142	723009	17.524	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	394447	17.848	ng/ul	99
38) Hexachlorocyclopentadiene	12.62	237	236991	17.341	ng/ul	98
39) 2,4,6-Trichlorophenol	12.87	196	260275	17.752	ng/ul	100
40) 2,4,5-Trichlorophenol	12.95	196	286063	17.959	ng/ul	99
41) 1,1'-Biphenyl	13.28	154	986417	17.665	ng/ul	100
42) 2-Chloronaphthalene	13.32	162	757213	17.718	ng/ul	99
43) 2-Nitroaniline	13.52	65	198078	18.060	ng/ul	98
45) Dimethylphthalate	13.90	163	966273	17.733	ng/ul	100
46) 2,6-Dinitrotoluene	14.02	165	192637	18.047	ng/ul	99
48) Acenaphthylene	14.17	152	1179649	17.971	ng/ul	99
49) 3-Nitroaniline	14.35	138	170085	15.632	ng/ul	98
50) Acenaphthene	14.51	153	814088	17.623	ng/ul	100
51) 2,4-Dinitrophenol	14.55	184	103779	16.279	ng/ul	99
53) 4-Nitrophenol	14.65	109	135533	17.218	ng/ul	98
54) Dibenzofuran	14.85	168	1162055	17.695	ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	287000	18.182	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.07	232	252016	18.073	ng/ul	95
57) Diethylphthalate	15.27	149	968912	17.686	ng/ul	99
59) Fluorene	15.49	166	948812	17.594	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.49	204	477975	17.572	ng/ul	97
61) 4-Nitroaniline	15.50	138	203344	17.416	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.57	198	170022	16.828	ng/ul	97
65) N-Nitrosodiphenylamine	15.70	169	833130	17.761	ng/ul	100
66) 4-Bromophenyl-phenylether	16.38	248	301846	17.740	ng/ul	99
67) Hexachlorobenzene	16.50	284	337014	17.626	ng/ul	99
68) Atrazine	16.65	200	297388	15.961	ng/ul	99
69) Pentachlorophenol	16.84	266	207814	17.100	ng/ul	99
70) Phenanthrene	17.23	178	1508118	17.548	ng/ul	100
72) Anthracene	17.32	178	1547996	17.694	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	391832	17.902	ng/uL	100
74) Pentachlorobenzene	14.77	250	390906	17.609	ng/uL	99
75) Carbazole	17.59	167	1413347	17.413	ng/ul	100
76) Di-n-butylphthalate	18.16	149	1630240	17.825	ng/ul	100
77) Fluoranthene	19.24	202	1783730	17.191	ng/ul	98
80) Pyrene	19.60	202	1834586	17.319	ng/ul	98
81) Butylbenzylphthalate	20.50	149	754786	17.664	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.28	252	576385	15.063	ng/ul	99
83) Benzo(a)anthracene	21.35	228	1895101	17.632	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	1126468	17.914	ng/ul	99
85) Chrysene	21.40	228	1745898	17.515	ng/ul	100
87) Di-n-octyl phthalate	22.17	149	1888387	16.529	ng/ul	100
88) Benzo(b)fluoranthene	22.95	252	1846701	16.788	ng/ul	99
89) Benzo(k)fluoranthene	23.00	252	1820278	17.468	ng/ul	99
91) Benzo(a)pyrene	23.54	252	1780166	17.288	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.94	276	1979513	17.881	ng/ul	99
93) Dibenzo(a,h)anthracene	25.95	278	1668684	18.041	ng/ul	99
94) Benzo(g,h,i)perylene	26.64	276	1602400	17.942	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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