Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022931.D
Acq On : 03 Oct 2019 21:37
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

Manual Integrations APPROVED
mohammad
10/4/2019 10:13:47 AM

Quant Time: Oct 04 01:29:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	227713	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	984536	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	620550	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1298408	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	1126778	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1096683	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	41001	7.79	ng/uL	0.00
5) Phenol-d5	6.96	99	388906	19.33	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	213955	19.43	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	318789	19.68	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	311771	18.93	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	152223	20.03	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	167033	20.13	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	328760	19.90	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	400208	19.94	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	942966	19.58	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1147836	20.64	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	181725	19.10	ng/ul	0.00
58) Fluorene-d10	15.42	176	812693	19.80	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	139850	16.55	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1262786	19.92	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1339839	22.09	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1102737	19.44	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	40676	7.809	ng/uL	98
4) Benzaldehyde	6.94	77	168716	18.503	ng/ul	99
6) Phenol	6.99	94	404958	19.200	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	299046	18.747	ng/ul	99
10) 2-Chlorophenol	7.36	128	334770	19.262	ng/ul	99
11) 2-Methylphenol	8.24	108	308509	18.978	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	407776	19.333	ng/ul	99
14) Acetophenone	8.62	105	481416	19.117	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	242657	18.761	ng/ul	100
16) 4-Methylphenol	8.56	108	341354	18.991	ng/ul	97
17) Hexachloroethane	8.87	117	126621	19.171	ng/ul	99
20) Nitrobenzene	8.99	77	351756	19.831	ng/ul	100
21) Isophorone	9.52	82	671855	19.228	ng/ul	99
23) 2-Nitrophenol	9.70	139	188433	19.857	ng/ul	99
24) 2,4-Dimethylphenol	9.76	107	362103	19.598	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	418321	18.771	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	327034	19.559	ng/ul	99
28) Naphthalene	10.63	128	1046278	19.678	ng/ul	100
30) 4-Chloroaniline	10.74	127	417649	19.759	ng/ul	100
31) Hexachlorobutadiene	10.93	225	192310	19.009	ng/ul	100
32) Caprolactam	11.53	113	113702m	21.002	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	343109	19.931	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	767521	19.253	ng/ul	100

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35) 1-Methylnaphthalene	12.47	142	738921	19.407	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	396019	19.451	ng/ul	100
38) Hexachlorocyclopentadiene	12.60	237	218039	17.087	ng/ul	100
39) 2,4,6-Trichlorophenol	12.86	196	267248	19.791	ng/ul	98
40) 2,4,5-Trichlorophenol	12.93	196	294097	19.969	ng/ul	97
41) 1,1'-Biphenyl	13.26	154	992859	19.541	ng/ul	99
42) 2-Chloronaphthalene	13.30	162	760872	19.587	ng/ul	100
43) 2-Nitroaniline	13.50	65	210340	20.880	ng/ul	97
45) Dimethylphthalate	13.89	163	958270	19.369	ng/ul	99
46) 2,6-Dinitrotoluene	14.00	165	199712	20.245	ng/ul	99
48) Acenaphthylene	14.15	152	1184672	19.736	ng/ul	100
49) 3-Nitroaniline	14.33	138	193870	20.261	ng/ul	97
50) Acenaphthene	14.49	153	827106	19.779	ng/ul	100
51) 2,4-Dinitrophenol	14.54	184	105993	16.836	ng/ul	99
53) 4-Nitrophenol	14.65	109	132864	19.104	ng/ul	99
54) Dibenzofuran	14.83	168	1178024	19.725	ng/ul	100
55) 2,4-Dinitrotoluene	14.79	165	292025	20.064	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.06	232	255440	19.713	ng/ul	98
57) Diethylphthalate	15.26	149	965260	19.433	ng/ul	99
59) Fluorene	15.48	166	957368	19.837	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.47	204	473741	19.365	ng/ul	98
61) 4-Nitroaniline	15.49	138	215436	19.930	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.56	198	152739	16.164	ng/ul	96
65) N-Nitrosodiphenylamine	15.69	169	846453	19.834	ng/ul	99
66) 4-Bromophenyl-phenylether	16.36	248	308537	19.698	ng/ul	98
67) Hexachlorobenzene	16.48	284	349305	20.001	ng/ul	99
68) Atrazine	16.64	200	321590	20.611	ng/ul	98
69) Pentachlorophenol	16.82	266	204170	18.021	ng/ul	99
70) Phenanthrene	17.22	178	1530722	19.753	ng/ul	99
72) Anthracene	17.30	178	1559706	19.753	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	395966	19.542	ng/uL	100
74) Pentachlorobenzene	14.75	250	404597	20.004	ng/uL	100
75) Carbazole	17.57	167	1406334	20.040	ng/ul	100
76) Di-n-butylphthalate	18.14	149	1641806	19.843	ng/ul	100
77) Fluoranthene	19.23	202	1745350	20.026	ng/ul	100
80) Pyrene	19.59	202	1764710	22.093	ng/ul	100
81) Butylbenzylphthalate	20.49	149	706357	21.503	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.27	252	459092	17.886	ng/ul	100
83) Benzo(a)anthracene	21.33	228	1587786	19.627	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	983563	21.073	ng/ul	100
85) Chrysene	21.39	228	1446878	19.399	ng/ul	99
87) Di-n-octyl phthalate	22.15	149	1453533	19.488	ng/ul	100
88) Benzo(b)fluoranthene	22.93	252	1384447	19.023	ng/ul	100
89) Benzo(k)fluoranthene	22.97	252	1360098	19.534	ng/ul	100
91) Benzo(a)pyrene	23.51	252	1321707	19.357	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	1584340	21.846	ng/ul	99
93) Dibenzo(a,h)anthracene	25.92	278	1307272	21.547	ng/ul	98
94) Benzo(g,h,i)perylene	26.60	276	1307362	22.344	ng/ul	100

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

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