Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\
Data File : BM022790.D
Acq On : 27 Sep 2019 16:56
Operator : JU
Sample : SSTD08057
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08057

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

Quant Time: Sep 27 17:31:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 15:30:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	255012	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	1149852	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	728979	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	1519799	20.00	ng/ul	0.00
78) Chrysene-d12	21.37	240	1506378	20.00	ng/ul	0.00
86) Perylene-d12	23.64	264	1520983	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	180334	29.46	ng/uL	0.00
5) Phenol-d5	6.99	99	1884503	80.11	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	1001415	74.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	1539076	82.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	1545897	80.83	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	755777	91.10	ng/ul	0.01
22) 2-Nitrophenol-d4	9.69	143	860848	112.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	1656711	85.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	1973044	76.90	ng/ul	0.01
44) Dimethylphthalate-d6	13.87	166	4572666	77.41	ng/ul	0.01
47) Acenaphthylene-d8	14.14	160	5332029	75.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	944000	93.56	ng/ul	0.02
58) Fluorene-d10	15.44	176	3819376	77.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	898982	130.14	ng/ul	0.01
71) Anthracene-d10	17.29	188	5904810	75.84	ng/ul	0.00
79) Pyrene-d10	19.59	212	6543957	78.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.51	264	6549742	80.12	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	181521	29.479	ng/uL	98
4) Benzaldehyde	6.95	77	991601m	80.724	ng/ul	
6) Phenol	7.02	94	1964669	79.929	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	1457061	78.049	ng/ul	99
10) 2-Chlorophenol	7.38	128	1635244	83.732	ng/ul	99
11) 2-Methylphenol	8.26	108	1523826	79.436	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	1900085	69.205	ng/ul	99
14) Acetophenone	8.64	105	2282022	76.469	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	1140888	70.777	ng/ul	96
16) 4-Methylphenol	8.60	108	1666665	80.465	ng/ul	100
17) Hexachloroethane	8.89	117	602238	77.840	ng/ul	99
20) Nitrobenzene	9.02	77	1677832	80.840	ng/ul	99
21) Isophorone	9.56	82	3334033	71.686	ng/ul	98
23) 2-Nitrophenol	9.73	139	953404	105.007	ng/ul	96
24) 2,4-Dimethylphenol	9.79	107	1756818	77.176	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	2077094	76.169	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	1646035	85.842	ng/ul	99
28) Naphthalene	10.66	128	4915379	77.103	ng/ul	99
30) 4-Chloroaniline	10.77	127	2070795	78.576	ng/ul	100
31) Hexachlorobutadiene	10.95	225	967506	81.902	ng/ul	99
32) Caprolactam	11.58	113	541057m	75.803	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	1670860	78.963	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	3710971	77.264	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.49	142	3528606	76.894 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	2001129	85.077 ng/ul	100
38) Hexachlorocyclopentadiene	12.63	237	1313062	90.555 ng/ul	100
39) 2,4,6-Trichlorophenol	12.88	196	1374523	93.354 ng/ul	100
40) 2,4,5-Trichlorophenol	12.96	196	1477288	92.523 ng/ul	99
41) 1,1'-Biphenyl	13.29	154	4748772	78.229 ng/ul	98
42) 2-Chloronaphthalene	13.33	162	3665848	79.764 ng/ul	99
43) 2-Nitroaniline	13.53	65	1033487	96.315 ng/ul	95
45) Dimethylphthalate	13.92	163	4618355	77.024 ng/ul	100
46) 2,6-Dinitrotoluene	14.03	165	1042609	106.800 ng/ul	97
48) Acenaphthylene	14.17	152	5650824	77.021 ng/ul	99
49) 3-Nitroaniline	14.36	138	1000538	94.518 ng/ul	98
50) Acenaphthene	14.52	153	3910159	76.916 ng/ul	99
51) 2,4-Dinitrophenol	14.56	184	694456	155.073 ng/ul	96
53) 4-Nitrophenol	14.67	109	673459	83.068 ng/ul	98
54) Dibenzofuran	14.86	168	5551644	78.687 ng/ul	99
55) 2,4-Dinitrotoluene	14.82	165	1498645	104.802 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.08	232	1328897	100.192 ng/ul	99
57) Diethylphthalate	15.28	149	4656007	75.053 ng/ul	98
59) Fluorene	15.50	166	4292558	73.952 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.49	204	2231619	77.686 ng/ul	97
61) 4-Nitroaniline	15.53	138	1126467	93.385 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	987432	123.531 ng/ul#	95
65) N-Nitrosodiphenylamine	15.71	169	3962932	76.412 ng/ul	99
66) 4-Bromophenyl-phenylether	16.39	248	1555301	81.906 ng/ul	99
67) Hexachlorobenzene	16.50	284	1678155	80.196 ng/ul	97
68) Atrazine	16.67	200	1532705	76.875 ng/ul	98
69) Pentachlorophenol	16.84	266	1159577	100.432 ng/ul	100
70) Phenanthrene	17.24	178	7043832	75.694 ng/ul	98
72) Anthracene	17.33	178	7206381	75.390 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	2003337	84.671 ng/uL	100
74) Pentachlorobenzene	14.77	250	1959409	82.153 ng/uL	99
75) Carbazole	17.59	167	6674249	77.685 ng/ul	98
76) Di-n-butylphthalate	18.16	149	7800934	71.695 ng/ul	99
77) Fluoranthene	19.25	202	8163757	77.304 ng/ul	100
80) Pyrene	19.62	202	8207276	75.285 ng/ul	98
81) Butylbenzylphthalate	20.51	149	3772809	82.083 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.29	252	2913250	76.048 ng/ul	99
83) Benzo(a)anthracene	21.36	228	8292897	74.212 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.29	149	4711708	67.554 ng/ul#	96
85) Chrysene	21.42	228	7478760	72.729 ng/ul	97
87) Di-n-octyl phthalate	22.17	149	8947832	82.179 ng/ul	100
88) Benzo(b)fluoranthene	22.96	252	8156446	81.513 ng/ul	99
89) Benzo(k)fluoranthene	23.01	252	7763502	79.838 ng/ul	98
91) Benzo(a)pyrene	23.56	252	7552164	79.101 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.97	276	7806602	70.778 ng/ul	96
93) Dibenzo(a,h)anthracene	25.98	278	6519807	71.034 ng/ul	99
94) Benzo(g,h,i)perylene	26.67	276	6258381	69.073 ng/ul	100

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

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