Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022897.D
Acq On : 02 Oct 2019 17:44
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
mohammad
10/3/2019 5:42:33 PM

Quant Time: Oct 03 01:03:14 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	7.80	152	241810	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1081771	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	664137	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1204989	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	866214	20.00	ng/ul	-0.01
86) Perylene-d12	23.61	264	953514	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	44950	8.04	ng/uL	0.00
5) Phenol-d5	6.97	99	433855	20.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	245890	21.03	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	354054	20.58	ng/ul	-0.01
13) 4-Methylphenol-d8	8.51	113	354606	20.27	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	172271	20.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	187130	20.53	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	373916	20.60	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	447848	20.31	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1032781	20.04	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1267844	21.30	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	169055	16.60	ng/ul	0.00
58) Fluorene-d10	15.43	176	847854	19.30	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	126515	16.13	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1197552	20.35	ng/ul	-0.01
79) Pyrene-d10	19.56	212	1082213	23.21	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	981413	19.90	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	44031	7.961	ng/uL	98
4) Benzaldehyde	6.94	77	206304	21.307	ng/ul	98
6) Phenol	7.00	94	447185	19.966	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	343430	20.274	ng/ul	99
10) 2-Chlorophenol	7.37	128	370240	20.061	ng/ul	100
11) 2-Methylphenol	8.24	108	345879	20.036	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	491197	21.931	ng/ul	98
14) Acetophenone	8.62	105	541143	20.236	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.61	70	282936	20.600	ng/ul	98
16) 4-Methylphenol	8.57	108	379885	19.902	ng/ul	97
17) Hexachloroethane	8.88	117	141319	20.149	ng/ul	99
20) Nitrobenzene	9.00	77	400902	20.570	ng/ul	98
21) Isophorone	9.53	82	776978	20.237	ng/ul	100
23) 2-Nitrophenol	9.70	139	212003	20.333	ng/ul	99
24) 2,4-Dimethylphenol	9.77	107	412387	20.314	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	495570	20.238	ng/ul	100
27) 2,4-Dichlorophenol	10.24	162	369967	20.138	ng/ul	98
28) Naphthalene	10.64	128	1164284	19.929	ng/ul	100
30) 4-Chloroaniline	10.75	127	458516	19.742	ng/ul	100
31) Hexachlorobutadiene	10.93	225	216372	19.465	ng/ul	100
32) Caprolactam	11.53	113	121073m	20.354	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	382145	20.204	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	865146	19.751	ng/ul	99

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35) 1-Methylnaphthalene	12.47	142	829825	19.836	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.63	216	443109	20.336	ng/ul	100
38) Hexachlorocyclopentadiene	12.61	237	295517	21.638	ng/ul	99
39) 2,4,6-Trichlorophenol	12.87	196	296160	20.493	ng/ul	98
40) 2,4,5-Trichlorophenol	12.94	196	314186	19.933	ng/ul	100
41) 1,1'-Biphenyl	13.27	154	1098744	20.205	ng/ul	100
42) 2-Chloronaphthalene	13.31	162	841202	20.234	ng/ul	100
43) 2-Nitroaniline	13.51	65	228927	21.233	ng/ul	95
45) Dimethylphthalate	13.89	163	1044839	19.733	ng/ul	99
46) 2,6-Dinitrotoluene	14.00	165	210628	19.950	ng/ul	95
48) Acenaphthylene	14.16	152	1268693	19.748	ng/ul	99
49) 3-Nitroaniline	14.33	138	198012	19.336	ng/ul	97
50) Acenaphthene	14.50	153	897824	20.061	ng/ul	99
51) 2,4-Dinitrophenol	14.54	184	91500	13.580	ng/ul	96
53) 4-Nitrophenol	14.64	109	123691	16.618	ng/ul	97
54) Dibenzofuran	14.83	168	1241906	19.430	ng/ul	99
55) 2,4-Dinitrotoluene	14.79	165	288965	18.551	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.06	232	257412	18.562	ng/ul	98
57) Diethylphthalate	15.26	149	1029446	19.365	ng/ul	99
59) Fluorene	15.48	166	1005143	19.460	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.48	204	510579	19.501	ng/ul	98
61) 4-Nitroaniline	15.50	138	205778	17.787	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.56	198	137389	15.667	ng/ul	99
65) N-Nitrosodiphenylamine	15.69	169	860494	21.726	ng/ul	100
66) 4-Bromophenyl-phenylether	16.37	248	313368	21.557	ng/ul	100
67) Hexachlorobenzene	16.49	284	342897	21.156	ng/ul	99
68) Atrazine	16.64	200	314760	21.738	ng/ul	100
69) Pentachlorophenol	16.83	266	177766	16.906	ng/ul	99
70) Phenanthrene	17.22	178	1438121	19.997	ng/ul	100
72) Anthracene	17.31	178	1460732	19.934	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	431205	22.930	ng/uL	100
74) Pentachlorobenzene	14.76	250	431758	23.002	ng/uL	100
75) Carbazole	17.57	167	1221159	18.750	ng/ul	99
76) Di-n-butylphthalate	18.14	149	1533057	19.965	ng/ul	100
77) Fluoranthene	19.23	202	1418675	17.540	ng/ul	100
80) Pyrene	19.59	202	1409940	22.962	ng/ul	97
81) Butylbenzylphthalate	20.49	149	551877	21.854	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.27	252	360596	18.274	ng/ul	99
83) Benzo(a)anthracene	21.34	228	1240362	19.945	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	776684	21.646	ng/ul	99
85) Chrysene	21.39	228	1157705	20.191	ng/ul	100
87) Di-n-octyl phthalate	22.16	149	1209753	18.655	ng/ul	100
88) Benzo(b)fluoranthene	22.94	252	1206342	19.064	ng/ul	99
89) Benzo(k)fluoranthene	22.98	252	1193782	19.720	ng/ul	100
91) Benzo(a)pyrene	23.52	252	1183549	19.937	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.91	276	1452474	23.035	ng/ul	99
93) Dibenzo(a,h)anthracene	25.92	278	1211796	22.973	ng/ul	100
94) Benzo(g,h,i)perylene	26.61	276	1218980	23.962	ng/ul	100

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

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