Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022601.D
Acq On : 09 Sep 2019 13:38
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Manual Integrations APPROVED
mohammad
9/10/2019 2:08:55 PM

Quant Time: Sep 09 14:23:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	256497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1140690	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	729001	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1509202	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1612560	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1800177	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	47989	7.80	ng/uL	0.00
5) Phenol-d5	7.01	99	467470	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	269552	19.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	371071	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	379924	19.75	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	175219	21.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	167011	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	380298	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	536302	21.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1137692	19.26	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1468030	20.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	221049	21.91	ng/ul	0.00
58) Fluorene-d10	15.47	176	985558	19.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	137453	20.04	ng/ul	0.00
71) Anthracene-d10	17.32	188	1548433	20.03	ng/ul	0.00
79) Pyrene-d10	19.61	212	1704135	19.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1820740	18.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	46758	7.549	ng/uL	93
4) Benzaldehyde	6.99	77	308104	24.937	ng/ul	100
6) Phenol	7.04	94	476119	19.258	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.28	93	360104	19.178	ng/ul	99
10) 2-Chlorophenol	7.42	128	381448	19.419	ng/ul	99
11) 2-Methylphenol	8.29	108	364504	18.891	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.38	45	532475	19.282	ng/ul	99
14) Acetophenone	8.67	105	583476	19.439	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.66	70	299556	18.476	ng/ul	98
16) 4-Methylphenol	8.62	108	394898	18.955	ng/ul	99
17) Hexachloroethane	8.94	117	147879	19.003	ng/ul	98
20) Nitrobenzene	9.05	77	422478	20.519	ng/ul	97
21) Isophorone	9.57	82	827143	17.927	ng/ul	99
23) 2-Nitrophenol	9.76	139	194582	21.603	ng/ul	99
24) 2,4-Dimethylphenol	9.82	107	430273	19.053	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.06	93	520415	19.237	ng/ul	100
27) 2,4-Dichlorophenol	10.29	162	371195	19.514	ng/ul	99
28) Naphthalene	10.70	128	1236692	19.555	ng/ul	99
30) 4-Chloroaniline	10.80	127	532236	20.358	ng/ul	100
31) Hexachlorobutadiene	10.99	225	217808	18.586	ng/ul	98
32) Caprolactam	11.56	113	162720m	22.980	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	402459	19.172	ng/ul	99
34) 2-Methylnaphthalene	12.31	142	912922	19.160	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	897555	19.716	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	448691	19.075	ng/ul	99
38) Hexachlorocyclopentadiene	12.67	237	234820	16.194	ng/ul	99
39) 2,4,6-Trichlorophenol	12.92	196	288732	19.609	ng/ul	99
40) 2,4,5-Trichlorophenol	12.98	196	319098	19.985	ng/ul	98
41) 1,1'-Biphenyl	13.32	154	1157441	19.067	ng/ul	100
42) 2-Chloronaphthalene	13.36	162	911059	19.823	ng/ul	99
43) 2-Nitroaniline	13.55	65	245154	22.846	ng/ul	99
45) Dimethylphthalate	13.94	163	1145176	19.098	ng/ul	100
46) 2,6-Dinitrotoluene	14.05	165	217185	22.247	ng/ul	97
48) Acenaphthylene	14.20	152	1374144	18.729	ng/ul	100
49) 3-Nitroaniline	14.37	138	245434	23.185	ng/ul#	96
50) Acenaphthene	14.55	153	985293	19.381	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	83636	18.676	ng/ul#	75
53) 4-Nitrophenol	14.67	109	167786	20.695	ng/ul	94
54) Dibenzofuran	14.88	168	1358660	19.257	ng/ul	99
55) 2,4-Dinitrotoluene	14.83	165	323294	22.608	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.10	232	261980	19.751	ng/ul	98
57) Diethylphthalate	15.30	149	1148620	18.515	ng/ul	100
59) Fluorene	15.53	166	1149482	19.803	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	565341	19.680	ng/ul	100
61) 4-Nitroaniline	15.53	138	281243	23.314	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.60	198	151367	19.069	ng/ul	99
65) N-Nitrosodiphenylamine	15.73	169	983745	19.102	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	344895	18.291	ng/ul	96
67) Hexachlorobenzene	16.53	284	395748	19.045	ng/ul	99
68) Atrazine	16.68	200	420749	21.251	ng/ul	98
69) Pentachlorophenol	16.87	266	211568	18.453	ng/ul	98
70) Phenanthrene	17.26	178	1811596	19.604	ng/ul	99
72) Anthracene	17.35	178	1846927	19.457	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	440832	18.763	ng/uL	99
74) Pentachlorobenzene	14.80	250	459319	19.393	ng/uL	99
75) Carbazole	17.62	167	1690223	19.812	ng/ul	99
76) Di-n-butylphthalate	18.19	149	1937556	17.932	ng/ul	100
77) Fluoranthene	19.27	202	2116456	20.182	ng/ul	97
80) Pyrene	19.64	202	2212493	18.959	ng/ul	99
81) Butylbenzylphthalate	20.54	149	869937	17.680	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.32	252	763008	18.606	ng/ul	100
83) Benzo(a)anthracene	21.38	228	2300530	19.231	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	1350407	18.087	ng/ul	99
85) Chrysene	21.43	228	2122035	19.277	ng/ul	99
87) Di-n-octyl phthalate	22.22	149	2194186	17.026	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	2304283	19.457	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	2235357	19.423	ng/ul	99
91) Benzo(a)pyrene	23.59	252	2200368	19.472	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.02	276	2396538	18.358	ng/ul	99
93) Dibenzo(a,h)anthracene	26.03	278	2007526	18.480	ng/ul	99
94) Benzo(g,h,i)perylene	26.73	276	1872609	17.462	ng/ul	98

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

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