Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024352.D
Acq On : 28 Dec 2019 16:48
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02003

Quant Time: Dec 29 00:54:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 00:45:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	248972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1029244	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	602232	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1228144	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1162928	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1365492	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	49840	8.84	ng/uL	0.00
5) Phenol-d5	6.62	99	411936	17.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	261663	18.51	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	324125	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	322267	16.72	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	148790	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	164290	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	305438	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	379056	19.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	856178	19.23	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1059171	19.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	124563	15.58	ng/ul	0.00
58) Fluorene-d10	15.08	176	736057	18.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	112390	15.00	ng/ul	0.00
71) Anthracene-d10	16.93	188	1086521	19.44	ng/ul	0.00
79) Pyrene-d10	19.24	212	1141536	20.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1334585	19.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	53850	8.626	ng/uL	90
4) Benzaldehyde	6.57	77	307531	20.179	ng/ul	99
6) Phenol	6.64	94	431504	17.726	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.86	93	342726	18.170	ng/ul	95
10) 2-Chlorophenol	6.98	128	324656	18.827	ng/ul	97
11) 2-Methylphenol	7.87	108	312587	17.271	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.94	45	414052	19.060	ng/ul	99
14) Acetophenone	8.24	105	501102	17.243	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.23	70	286762	17.862	ng/ul	98
16) 4-Methylphenol	8.20	108	333958	16.620	ng/ul	97
17) Hexachloroethane	8.46	117	143805	20.205	ng/ul	97
20) Nitrobenzene	8.61	77	407846	19.839	ng/ul	99
21) Isophorone	9.13	82	742205	19.316	ng/ul	99
23) 2-Nitrophenol	9.32	139	181349	20.257	ng/ul	95
24) 2,4-Dimethylphenol	9.39	107	377311	19.538	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.62	93	457114	19.149	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	296089	19.137	ng/ul	96
28) Naphthalene	10.23	128	1048369	19.438	ng/ul	99
30) 4-Chloroaniline	10.36	127	378015	19.507	ng/ul	98
31) Hexachlorobutadiene	10.51	225	187437	19.596	ng/ul	98
32) Caprolactam	11.16	113	91341	15.623	ng/ul	99
33) 4-Chloro-3-methylphenol	11.50	107	335588	18.076	ng/ul	98
34) 2-Methylnaphthalene	11.86	142	702739	18.228	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.08	142	709567	18.032	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	336503	20.670	ng/ul	99
38) Hexachlorocyclopentadiene	12.21	237	160124	21.829	ng/ul	93
39) 2,4,6-Trichlorophenol	12.50	196	224861	20.885	ng/ul	97
40) 2,4,5-Trichlorophenol	12.58	196	237003	20.419	ng/ul	100
41) 1,1'-Biphenyl	12.90	154	901233	20.048	ng/ul	100
42) 2-Chloronaphthalene	12.93	162	721192	20.420	ng/ul	97
43) 2-Nitroaniline	13.16	65	221777	21.417	ng/ul	93
45) Dimethylphthalate	13.55	163	877605	18.962	ng/ul	99
46) 2,6-Dinitrotoluene	13.67	165	173882	19.072	ng/ul	94
48) Acenaphthylene	13.79	152	1130310	19.951	ng/ul	100
49) 3-Nitroaniline	14.01	138	164567	19.019	ng/ul	94
50) Acenaphthene	14.14	153	768542	19.730	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	80654	15.742	ng/ul	98
53) 4-Nitrophenol	14.35	109	100555	15.771	ng/ul	94
54) Dibenzofuran	14.48	168	1036808	19.146	ng/ul	97
55) 2,4-Dinitrotoluene	14.48	165	257911	18.732	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	14.72	232	191630	18.263	ng/ul	93
57) Diethylphthalate	14.93	149	895127	19.023	ng/ul	99
59) Fluorene	15.13	166	860983	18.827	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.14	204	415293	18.675	ng/ul	99
61) 4-Nitroaniline	15.19	138	159506	16.695	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.25	198	117717	14.711	ng/ul	95
65) N-Nitrosodiphenylamine	15.36	169	720558	20.179	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	262226	20.087	ng/ul	98
67) Hexachlorobenzene	16.14	284	314672	19.686	ng/ul	100
68) Atrazine	16.33	200	252285	19.006	ng/ul	99
69) Pentachlorophenol	16.50	266	135799	16.212	ng/ul	99
70) Phenanthrene	16.87	178	1330892	19.357	ng/ul	99
72) Anthracene	16.97	178	1370922	19.833	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	336652	21.841	ng/uL	97
74) Pentachlorobenzene	14.40	250	353361	20.816	ng/uL	96
75) Carbazole	17.25	167	1175255	19.792	ng/ul	99
76) Di-n-butylphthalate	17.83	149	1466090	20.587	ng/ul	99
77) Fluoranthene	18.91	202	1501463	20.035	ng/ul	99
80) Pyrene	19.27	202	1548671	20.399	ng/ul	100
81) Butylbenzylphthalate	20.20	149	678198	22.675	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.98	252	527109	20.418	ng/ul	100
83) Benzo(a)anthracene	21.04	228	1463300	19.749	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	1015014	22.772	ng/ul	100
85) Chrysene	21.09	228	1440654	19.837	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1725185	23.384	ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	1555308	19.036	ng/ul	99
89) Benzo(k)fluoranthene	22.59	252	1595580	19.903	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1468001	19.861	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1909684	21.517	ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1589338	21.360	ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	1593617	21.992	ng/ul	99

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

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