Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024148.D
Acq On : 18 Dec 2019 12:37
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
mohammad
12/19/2019 11:15:31 AM

Quant Time: Dec 18 14:27:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	340864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1610535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1082145	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2336543	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2216285	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	2092907	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	62979	8.16	ng/uL	0.00
5) Phenol-d5	6.65	99	608146	18.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	375044	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	449576	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	500737	18.98	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	229732	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	258249	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	502157	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	596060	19.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	1513240	18.91	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1894794	19.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	245578	17.09	ng/ul	0.00
58) Fluorene-d10	15.12	176	1348520	19.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	244680	17.17	ng/ul	0.00
71) Anthracene-d10	16.97	188	2066635	19.44	ng/ul	0.00
79) Pyrene-d10	19.27	212	2192359	20.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	2042070	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	62100	7.266	ng/uL	92
4) Benzaldehyde	6.61	77	423163	20.281	ng/ul	97
6) Phenol	6.67	94	632577	18.981	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.89	93	493645	19.116	ng/ul	97
10) 2-Chlorophenol	7.02	128	462823	19.604	ng/ul	99
11) 2-Methylphenol	7.91	108	465906	18.802	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	574708	19.323	ng/ul	99
14) Acetophenone	8.27	105	758465	19.063	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.26	70	432883	19.695	ng/ul	98
16) 4-Methylphenol	8.24	108	526386	19.134	ng/ul	100
17) Hexachloroethane	8.51	117	189133	19.409	ng/ul	96
20) Nitrobenzene	8.65	77	626215	19.467	ng/ul	99
21) Isophorone	9.17	82	1164899	19.374	ng/ul	99
23) 2-Nitrophenol	9.35	139	281574	20.100	ng/ul	97
24) 2,4-Dimethylphenol	9.43	107	593241	19.631	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.66	93	727227	19.469	ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	480730	19.856	ng/ul	99
28) Naphthalene	10.27	128	1621601	19.214	ng/ul	100
30) 4-Chloroaniline	10.39	127	590080	19.459	ng/ul	100
31) Hexachlorobutadiene	10.56	225	287749	19.226	ng/ul	98
32) Caprolactam	11.19	113	163116m	17.830	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	569956	19.619	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	1172675	19.439	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	1193990	19.391	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	580819	19.855	ng/ul	99
38) Hexachlorocyclopentadiene	12.25	237	234708	17.807	ng/ul	96
39) 2,4,6-Trichlorophenol	12.53	196	391380	20.230	ng/ul	99
40) 2,4,5-Trichlorophenol	12.61	196	419185	20.099	ng/ul	97
41) 1,1'-Biphenyl	12.93	154	1559780	19.310	ng/ul	100
42) 2-Chloronaphthalene	12.97	162	1245146	19.620	ng/ul	100
43) 2-Nitroaniline	13.20	65	371370	19.959	ng/ul	98
45) Dimethylphthalate	13.59	163	1563924	18.805	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	323407	19.741	ng/ul	99
48) Acenaphthylene	13.83	152	2006215	19.708	ng/ul	100
49) 3-Nitroaniline	14.04	138	301806	19.411	ng/ul	97
50) Acenaphthene	14.17	153	1355875	19.371	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	197392	21.441	ng/ul	96
53) 4-Nitrophenol	14.37	109	198002	17.282	ng/ul	99
54) Dibenzofuran	14.52	168	1867023	19.187	ng/ul	98
55) 2,4-Dinitrotoluene	14.50	165	479040	19.363	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.76	232	361435	19.169	ng/ul	99
57) Diethylphthalate	14.96	149	1601138	18.936	ng/ul	100
59) Fluorene	15.17	166	1578419	19.208	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.17	204	759325	19.003	ng/ul	98
61) 4-Nitroaniline	15.21	138	321245	18.712	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.27	198	265953	17.469	ng/ul	98
65) N-Nitrosodiphenylamine	15.39	169	1331005	19.592	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	486311	19.581	ng/ul	98
67) Hexachlorobenzene	16.18	284	592677	19.489	ng/ul	97
68) Atrazine	16.36	200	470710	18.639	ng/ul	100
69) Pentachlorophenol	16.53	266	264473	16.596	ng/ul	97
70) Phenanthrene	16.91	178	2520922	19.272	ng/ul	99
72) Anthracene	17.00	178	2587802	19.678	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	581881	19.843	ng/uL	99
74) Pentachlorobenzene	14.44	250	634158	19.636	ng/uL	97
75) Carbazole	17.28	167	2225555	19.700	ng/ul	100
76) Di-n-butylphthalate	17.86	149	2696270	19.901	ng/ul	99
77) Fluoranthene	18.94	202	2888382	20.259	ng/ul	99
80) Pyrene	19.30	202	3001187	20.743	ng/ul	99
81) Butylbenzylphthalate	20.23	149	1237439	21.709	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.01	252	946526	19.239	ng/ul	99
83) Benzo(a)anthracene	21.07	228	2761008	19.553	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1833616	21.586	ng/ul	99
85) Chrysene	21.11	228	2698835	19.499	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	3024352	26.745	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	2579872	20.601	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	2559641	20.832	ng/ul	99
91) Benzo(a)pyrene	23.12	252	2224899	19.640	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.32	276	2481341	18.241	ng/ul	100
93) Dibenzo(a,h)anthracene	25.33	278	2089867	18.325	ng/ul	99
94) Benzo(g,h,i)perylene	25.96	276	2036144	18.333	ng/ul	100

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

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