Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024156.D
Acq On : 18 Dec 2019 17:24
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
12/19/2019 11:15:45 AM

Quant Time: Dec 18 17:59:40 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	352158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1613766	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1069683	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2312567	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2190713	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	2067492	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	66058	8.29	ng/uL	0.00
5) Phenol-d5	6.65	99	614595	18.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	382525	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	460100	19.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	502559	18.44	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	227441	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	253969	19.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	502324	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	588246	19.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1478794	18.70	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1865185	19.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	248582	17.50	ng/ul	0.00
58) Fluorene-d10	15.11	176	1330180	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	234977	16.66	ng/ul	0.00
71) Anthracene-d10	16.97	188	2052978	19.51	ng/ul	0.00
79) Pyrene-d10	19.27	212	2188596	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	2026589	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	63076	7.143	ng/uL	93
4) Benzaldehyde	6.61	77	424249	19.681	ng/ul	96
6) Phenol	6.67	94	643306	18.684	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.89	93	505775	18.957	ng/ul	98
10) 2-Chlorophenol	7.02	128	471604	19.335	ng/ul	98
11) 2-Methylphenol	7.90	108	474448	18.533	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.99	45	580185	18.882	ng/ul	99
14) Acetophenone	8.27	105	781487	19.012	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.26	70	427628	18.832	ng/ul	99
16) 4-Methylphenol	8.23	108	528234	18.585	ng/ul	98
17) Hexachloroethane	8.50	117	198408	19.708	ng/ul	97
20) Nitrobenzene	8.65	77	633425	19.652	ng/ul	99
21) Isophorone	9.17	82	1163703	19.316	ng/ul	99
23) 2-Nitrophenol	9.35	139	284186	20.246	ng/ul	96
24) 2,4-Dimethylphenol	9.42	107	594634	19.638	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	725170	19.375	ng/ul	99
27) 2,4-Dichlorophenol	9.88	162	483801	19.943	ng/ul	99
28) Naphthalene	10.26	128	1633326	19.315	ng/ul	100
30) 4-Chloroaniline	10.39	127	587616	19.339	ng/ul	99
31) Hexachlorobutadiene	10.55	225	289249	19.287	ng/ul	99
32) Caprolactam	11.19	113	157788m	17.213	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	575936	19.785	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	1171683	19.384	ng/ul	100

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35) 1-Methylnaphthalene	12.12	142	1188093	19.257	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	571352	19.759	ng/ul	99
38) Hexachlorocyclopentadiene	12.25	237	232781	17.866	ng/ul	96
39) 2,4,6-Trichlorophenol	12.53	196	379945	19.868	ng/ul	98
40) 2,4,5-Trichlorophenol	12.61	196	426616	20.694	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	1538381	19.267	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	1227758	19.571	ng/ul	98
43) 2-Nitroaniline	13.19	65	371837	20.216	ng/ul	97
45) Dimethylphthalate	13.58	163	1541293	18.749	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	316584	19.550	ng/ul	99
48) Acenaphthylene	13.83	152	1972688	19.604	ng/ul	100
49) 3-Nitroaniline	14.03	138	296261	19.277	ng/ul	93
50) Acenaphthene	14.17	153	1340259	19.371	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	185981	20.437	ng/ul	98
53) 4-Nitrophenol	14.37	109	201675	17.808	ng/ul	97
54) Dibenzofuran	14.52	168	1843291	19.164	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	470973	19.258	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.75	232	362641	19.457	ng/ul	97
57) Diethylphthalate	14.96	149	1573149	18.822	ng/ul	100
59) Fluorene	15.17	166	1559926	19.204	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.17	204	744970	18.860	ng/ul	97
61) 4-Nitroaniline	15.21	138	320261m	18.872	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.27	198	252395	16.751	ng/ul	99
65) N-Nitrosodiphenylamine	15.39	169	1309265	19.472	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	476123	19.369	ng/ul	98
67) Hexachlorobenzene	16.17	284	579271	19.246	ng/ul	98
68) Atrazine	16.36	200	461726	18.473	ng/ul	99
69) Pentachlorophenol	16.53	266	268823	17.044	ng/ul	98
70) Phenanthrene	16.91	178	2489421	19.228	ng/ul	99
72) Anthracene	17.00	178	2546954	19.568	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	580346	19.996	ng/uL	97
74) Pentachlorobenzene	14.43	250	627740	19.638	ng/uL	97
75) Carbazole	17.28	167	2204433	19.715	ng/ul	99
76) Di-n-butylphthalate	17.86	149	2646260	19.734	ng/ul	99
77) Fluoranthene	18.94	202	2857171	20.248	ng/ul	98
80) Pyrene	19.30	202	2983375	20.860	ng/ul	98
81) Butylbenzylphthalate	20.23	149	1227947	21.794	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.00	252	917948	18.876	ng/ul	99
83) Benzo(a)anthracene	21.06	228	2754541	19.735	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1820819	21.685	ng/ul	98
85) Chrysene	21.12	228	2671288	19.526	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	3014628	26.987	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	2630259	21.262	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	2471392	20.361	ng/ul	99
91) Benzo(a)pyrene	23.12	252	2201364	19.671	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.32	276	2482282	18.472	ng/ul	100
93) Dibenzo(a,h)anthracene	25.33	278	2082955	18.489	ng/ul	99
94) Benzo(g,h,i)perylene	25.96	276	2041861	18.610	ng/ul	99

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

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