Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023193.D
Acq On : 16 Oct 2019 14:21
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Manual Integrations APPROVED
mohammad
10/17/2019 7:58:33 AM

Quant Time: Oct 16 15:05:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 08:27:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	408125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1729285	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1089202	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2126075	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	1518561	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	1678924	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	74012	7.98	ng/uL	0.00
5) Phenol-d5	6.86	99	662006	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	376028	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	524564	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	532504	18.65	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	246401	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	253396	22.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	561330	19.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	691083	20.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1588291	19.03	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1921101	19.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	255504	18.91	ng/ul	0.00
58) Fluorene-d10	15.33	176	1358566	19.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	171177	20.31	ng/ul	0.00
71) Anthracene-d10	17.17	188	2005449	19.56	ng/ul	-0.01
79) Pyrene-d10	19.46	212	1838394	25.00	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.34	264	1656238	19.46	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	72410	7.471	ng/uL#	78
4) Benzaldehyde	6.83	77	477554	20.447	ng/ul	99
6) Phenol	6.89	94	696065	18.989	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.12	93	519872	19.233	ng/ul	98
10) 2-Chlorophenol	7.26	128	556458	19.571	ng/ul	95
11) 2-Methylphenol	8.13	108	531723	18.923	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	748215	18.963	ng/ul	99
14) Acetophenone	8.50	105	840692	18.887	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.50	70	449002	18.262	ng/ul	96
16) 4-Methylphenol	8.46	108	574088	18.789	ng/ul	98
17) Hexachloroethane	8.77	117	223858	19.806	ng/ul	97
20) Nitrobenzene	8.87	77	617010	19.738	ng/ul	96
21) Isophorone	9.40	82	1226168	18.235	ng/ul	100
23) 2-Nitrophenol	9.59	139	285159	22.239	ng/ul	100
24) 2,4-Dimethylphenol	9.65	107	647207	18.990	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	722271	19.341	ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	552668	19.965	ng/ul	96
28) Naphthalene	10.52	128	1766201	19.760	ng/ul	99
30) 4-Chloroaniline	10.62	127	717900	20.132	ng/ul	98
31) Hexachlorobutadiene	10.82	225	368252	19.747	ng/ul	99
32) Caprolactam	11.37	113	174538m	17.560	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	595538	18.774	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	1294390	19.461	ng/ul	99

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35) 1-Methylnaphthalene	12.36	142	1250533	19.428	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	715333	20.304	ng/ul	99
38) Hexachlorocyclopentadiene	12.50	237	344684	16.167	ng/ul	100
39) 2,4,6-Trichlorophenol	12.75	196	447903	20.674	ng/ul	98
40) 2,4,5-Trichlorophenol	12.82	196	482935	20.735	ng/ul	98
41) 1,1'-Biphenyl	13.16	154	1673810	20.197	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	1292685	20.140	ng/ul	99
43) 2-Nitroaniline	13.40	65	341628	22.713	ng/ul	93
45) Dimethylphthalate	13.79	163	1594547	19.086	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	300001	22.871	ng/ul	95
48) Acenaphthylene	14.05	152	1978105	19.762	ng/ul	99
49) 3-Nitroaniline	14.22	138	302272	21.386	ng/ul#	98
50) Acenaphthene	14.39	153	1369504	19.648	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	109960	18.403	ng/ul	96
53) 4-Nitrophenol	14.53	109	216293	17.770	ng/ul	90
54) Dibenzofuran	14.73	168	1948157	19.689	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	433003	22.568	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	408592	20.151	ng/ul	99
57) Diethylphthalate	15.17	149	1599305	18.744	ng/ul	100
59) Fluorene	15.38	166	1567335	19.306	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.38	204	821734	19.380	ng/ul	99
61) 4-Nitroaniline	15.39	138	335441	19.724	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.46	198	200006	20.265	ng/ul	95
65) N-Nitrosodiphenylamine	15.59	169	1380050	21.033	ng/ul	100
66) 4-Bromophenyl-phenylether	16.27	248	536993	20.922	ng/ul	97
67) Hexachlorobenzene	16.39	284	601131	20.651	ng/ul	98
68) Atrazine	16.54	200	493059	19.633	ng/ul	99
69) Pentachlorophenol	16.73	266	322980	19.809	ng/ul	98
70) Phenanthrene	17.12	178	2370033	19.863	ng/ul	99
72) Anthracene	17.20	178	2417943	19.611	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	686467	22.235	ng/uL	100
74) Pentachlorobenzene	14.65	250	711007	22.105	ng/uL	100
75) Carbazole	17.47	167	2082780	18.909	ng/ul	99
76) Di-n-butylphthalate	18.06	149	2544404	19.412	ng/ul	99
77) Fluoranthene	19.13	202	2437313	17.176	ng/ul	99
80) Pyrene	19.49	202	2403450	25.265	ng/ul	99
81) Butylbenzylphthalate	20.42	149	915928	27.683	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.18	252	760578	20.676	ng/ul	99
83) Benzo(a)anthracene	21.24	228	2024523	19.676	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	1271874	24.175	ng/ul	100
85) Chrysene	21.30	228	1871444	19.588	ng/ul	100
87) Di-n-octyl phthalate	22.09	149	2014595	23.258	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	2023737	19.881	ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	1883629	19.271	ng/ul	99
91) Benzo(a)pyrene	23.38	252	1908932	19.546	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	2398227	20.642	ng/ul	100
93) Dibenzo(a,h)anthracene	25.72	278	1996520	20.552	ng/ul	99
94) Benzo(g,h,i)perylene	26.38	276	2018555	21.102	ng/ul	99

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

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