Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023715.D
Acq On : 14 Nov 2019 02:07
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Manual Integrations APPROVED
mohammad
11/14/2019 6:59:52 AM

Quant Time: Nov 14 04:10:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 03:45:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	462347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2302480	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1691883	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	3573745	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2643889	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2569821	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	61281	5.46	ng/uL	0.00
5) Phenol-d5	6.73	99	757304	17.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	392627	16.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	555216	18.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	644741	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	300518	18.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	357739	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	727324	18.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	845158	19.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2177832	16.51	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2562948	17.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	375807	16.69	ng/ul	0.00
58) Fluorene-d10	15.20	176	1893216	16.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	364078	17.61	ng/ul	0.00
71) Anthracene-d10	17.04	188	2930072	17.28	ng/ul	0.00
79) Pyrene-d10	19.35	212	2907089	21.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2241192	16.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	61377	5.107	ng/uL#	95
4) Benzaldehyde	6.69	77	327759	13.256	ng/ul	98
6) Phenol	6.76	94	799210	18.408	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.97	93	576717	17.344	ng/ul	99
10) 2-Chlorophenol	7.11	128	600931	19.086	ng/ul	97
11) 2-Methylphenol	7.99	108	623886	19.252	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.08	45	573843	17.689	ng/ul	99
14) Acetophenone	8.36	105	988134	18.845	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.36	70	537002	19.494	ng/ul	98
16) 4-Methylphenol	8.33	108	710816	19.810	ng/ul	98
17) Hexachloroethane	8.60	117	217360	17.401	ng/ul	98
20) Nitrobenzene	8.73	77	732615	16.813	ng/ul	95
21) Isophorone	9.26	82	1512179	17.789	ng/ul	98
23) 2-Nitrophenol	9.44	139	393653	20.431	ng/ul	94
24) 2,4-Dimethylphenol	9.52	107	794638	18.047	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	902451	16.917	ng/ul	99
27) 2,4-Dichlorophenol	9.97	162	725609	19.098	ng/ul	98
28) Naphthalene	10.36	128	2100187	17.354	ng/ul	100
30) 4-Chloroaniline	10.48	127	895901	20.095	ng/ul	98
31) Hexachlorobutadiene	10.66	225	421825	16.443	ng/ul	99
32) Caprolactam	11.27	113	239148m	19.424	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	803719	19.059	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	1666219	17.998	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	1598171	17.504	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	938546	16.978	ng/ul	99
38) Hexachlorocyclopentadiene	12.35	237	672004	23.206	ng/ul	99
39) 2,4,6-Trichlorophenol	12.62	196	648551	19.027	ng/ul	100
40) 2,4,5-Trichlorophenol	12.69	196	698121	18.806	ng/ul	98
41) 1,1'-Biphenyl	13.02	154	2260453	17.319	ng/ul	100
42) 2-Chloronaphthalene	13.06	162	1752990	17.450	ng/ul	99
43) 2-Nitroaniline	13.27	65	486048	20.341	ng/ul	93
45) Dimethylphthalate	13.66	163	2200722	17.021	ng/ul	100
46) 2,6-Dinitrotoluene	13.78	165	471873	20.037	ng/ul	93
48) Acenaphthylene	13.92	152	2713226	17.899	ng/ul	100
49) 3-Nitroaniline	14.11	138	440013	19.661	ng/ul	88
50) Acenaphthene	14.26	153	1877879	17.457	ng/ul	100
51) 2,4-Dinitrophenol	14.33	184	310824	20.935	ng/ul	97
53) 4-Nitrophenol	14.44	109	289621	15.935	ng/ul	93
54) Dibenzofuran	14.60	168	2725173	17.114	ng/ul	99
55) 2,4-Dinitrotoluene	14.58	165	690244	19.176	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.83	232	632814	18.010	ng/ul	97
57) Diethylphthalate	15.04	149	2206588	17.392	ng/ul	100
59) Fluorene	15.25	166	2232637	17.282	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.25	204	1164180	16.699	ng/ul	99
61) 4-Nitroaniline	15.28	138	461598	16.839	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.34	198	397583	17.687	ng/ul	97
65) N-Nitrosodiphenylamine	15.47	169	1988426	18.964	ng/ul	100
66) 4-Bromophenyl-phenylether	16.14	248	810574	18.559	ng/ul	98
67) Hexachlorobenzene	16.26	284	948340	18.430	ng/ul	97
68) Atrazine	16.43	200	730467	18.597	ng/ul	98
69) Pentachlorophenol	16.61	266	638495	20.929	ng/ul	100
70) Phenanthrene	16.99	178	3530448	17.935	ng/ul	100
72) Anthracene	17.08	178	3615208	18.265	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	943843	18.629	ng/uL	100
74) Pentachlorobenzene	14.52	250	1035559	18.499	ng/uL	100
75) Carbazole	17.36	167	3116055	18.885	ng/ul	100
76) Di-n-butylphthalate	17.93	149	3784683	20.801	ng/ul	99
77) Fluoranthene	19.02	202	3926729	18.619	ng/ul	100
80) Pyrene	19.38	202	3827757	22.398	ng/ul	98
81) Butylbenzylphthalate	20.30	149	1540881	28.468	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	974141	17.557	ng/ul	99
83) Benzo(a)anthracene	21.13	228	3132785	17.964	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2083289	25.492	ng/ul	99
85) Chrysene	21.19	228	2862532	17.435	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	3086105	24.570	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	2866396	17.497	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	2561476	16.230	ng/ul	99
91) Benzo(a)pyrene	23.21	252	2580051	17.204	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.46	276	3114539	19.422	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	2640747	19.513	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	2611259	20.095	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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