Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM023029.D
Acq On : 06 Oct 2019 16:03
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02021

Manual Integrations APPROVED
mohammad
10/7/2019 3:40:31 PM

Quant Time: Oct 07 05:05:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	197362	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.57	136	882198	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.42	164	565273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	1175980	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	1060693	20.00	ng/ul	-0.01
86) Perylene-d12	23.60	264	961321	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	35281	7.73	ng/uL	-0.01
5) Phenol-d5	6.95	99	331768	19.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	186013	19.49	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.32	132	271194	19.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.49	113	273104	19.13	ng/ul	-0.02
19) Nitrobenzene-d5	8.94	128	135923	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	147597	19.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.19	165	295685	19.98	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	342026	19.02	ng/ul	-0.01
44) Dimethylphthalate-d6	13.83	166	863016	19.67	ng/ul	-0.01
47) Acenaphthylene-d8	14.11	160	1014650	20.03	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.62	143	150330	17.34	ng/ul	-0.01
58) Fluorene-d10	15.41	176	735018	19.66	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.53	200	126383	16.51	ng/ul	-0.01
71) Anthracene-d10	17.26	188	1130725	19.69	ng/ul	-0.01
79) Pyrene-d10	19.55	212	1239108	21.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	991180	19.93	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	35061	7.767	ng/uL	98
4) Benzaldehyde	6.93	77	121273	15.346	ng/ul	99
6) Phenol	6.98	94	351251	19.214	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.21	93	268395	19.413	ng/ul	100
10) 2-Chlorophenol	7.35	128	292345	19.408	ng/ul	99
11) 2-Methylphenol	8.22	108	272123	19.314	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.31	45	376941	20.620	ng/ul	98
14) Acetophenone	8.60	105	430173	19.709	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	223862	19.970	ng/ul	99
16) 4-Methylphenol	8.55	108	302190	19.397	ng/ul	99
17) Hexachloroethane	8.86	117	111420	19.464	ng/ul	96
20) Nitrobenzene	8.98	77	316154	19.892	ng/ul	100
21) Isophorone	9.51	82	621025	19.835	ng/ul	99
23) 2-Nitrophenol	9.69	139	167780	19.732	ng/ul	100
24) 2,4-Dimethylphenol	9.75	107	328544	19.845	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	391111	19.585	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	298287	19.909	ng/ul	100
28) Naphthalene	10.62	128	944893	19.832	ng/ul	100
30) 4-Chloroaniline	10.73	127	364221	19.230	ng/ul	100
31) Hexachlorobutadiene	10.92	225	181146	19.983	ng/ul	100
32) Caprolactam	11.51	113	92842m	19.139	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	309599	20.071	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	707428	19.804	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.46	142	674748	19.777	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.61	216	375880	20.267	ng/ul	100
38) Hexachlorocyclopentadiene	12.59	237	208898	17.971	ng/ul	99
39) 2,4,6-Trichlorophenol	12.84	196	246819	20.066	ng/ul	99
40) 2,4,5-Trichlorophenol	12.92	196	266675	19.878	ng/ul	98
41) 1,1'-Biphenyl	13.25	154	920882	19.896	ng/ul	100
42) 2-Chloronaphthalene	13.29	162	706104	19.955	ng/ul	99
43) 2-Nitroaniline	13.49	65	187946	20.481	ng/ul	98
45) Dimethylphthalate	13.87	163	884894	19.635	ng/ul	99
46) 2,6-Dinitrotoluene	13.99	165	180986	20.141	ng/ul	99
48) Acenaphthylene	14.14	152	1096789	20.058	ng/ul	100
49) 3-Nitroaniline	14.32	138	162427	18.635	ng/ul	100
50) Acenaphthene	14.49	153	764056	20.058	ng/ul	99
51) 2,4-Dinitrophenol	14.53	184	79462	13.856	ng/ul	100
53) 4-Nitrophenol	14.63	109	112896	17.821	ng/ul	97
54) Dibenzofuran	14.82	168	1092818	20.088	ng/ul	100
55) 2,4-Dinitrotoluene	14.78	165	261381	19.715	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.04	232	238625	20.217	ng/ul	100
57) Diethylphthalate	15.24	149	894904	19.779	ng/ul	99
59) Fluorene	15.47	166	883638	20.099	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	443357	19.895	ng/ul	98
61) 4-Nitroaniline	15.48	138	174246	17.696	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.54	198	142288	16.625	ng/ul	98
65) N-Nitrosodiphenylamine	15.67	169	770443	19.932	ng/ul	100
66) 4-Bromophenyl-phenylether	16.35	248	288734	20.353	ng/ul	97
67) Hexachlorobenzene	16.47	284	326202	20.623	ng/ul	96
68) Atrazine	16.63	200	281382	19.912	ng/ul	99
69) Pentachlorophenol	16.81	266	191039	18.617	ng/ul	99
70) Phenanthrene	17.20	178	1402774	19.987	ng/ul	99
72) Anthracene	17.29	178	1438961	20.121	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.22	216	371893	20.264	ng/uL	98
74) Pentachlorobenzene	14.74	250	378023	20.636	ng/uL	99
75) Carbazole	17.56	167	1268064	19.951	ng/ul	100
76) Di-n-butylphthalate	18.13	149	1577060	21.045	ng/ul	100
77) Fluoranthene	19.22	202	1623466	20.567	ng/ul	100
80) Pyrene	19.58	202	1654544	22.005	ng/ul	99
81) Butylbenzylphthalate	20.48	149	717350	23.198	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.26	252	432137	17.885	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1503373	19.741	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1060469	24.136	ng/ul	99
85) Chrysene	21.38	228	1378659	19.636	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	1675685	25.630	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	1292212	20.256	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	1221431	20.012	ng/ul	99
91) Benzo(a)pyrene	23.50	252	1175896	19.647	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.88	276	1296912	20.401	ng/ul	99
93) Dibenzo(a,h)anthracene	25.89	278	1088418	20.466	ng/ul	100
94) Benzo(g,h,i)perylene	26.57	276	1068161	20.826	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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