Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009701.D
Acq On : 11 Feb 2020 10:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02067

Manual Integrations APPROVED
mohammad
2/13/2020 3:33:03 PM

Quant Time: Feb 12 14:09:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	163153	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	704206	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	453962	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	961505	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	876675	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	943736	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	29591	7.44	ng/uL	0.00
5) Phenol-d5	6.63	99	271573	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	190435	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	211947	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	218202	19.26	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	102080	19.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	113556	19.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	218117	19.92	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	233680	19.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	630234	19.02	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	794928	19.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	114801	18.34	ng/ul	0.00
57) Fluorene-d10	15.07	176	569056	19.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	106315	17.70	ng/ul	0.00
70) Anthracene-d10	16.92	188	864795	19.79	ng/ul	0.00
78) Pyrene-d10	19.23	212	921711	20.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	943520	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	34056	7.507	ng/uL	94
4) Benzaldehyde	6.59	77	193526	19.822	ng/ul	99
6) Phenol	6.65	94	290861	19.127	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	230558	19.438	ng/ul	94
10) 2-Chlorophenol	7.00	128	220688	20.308	ng/ul	95
11) 2-Methylphenol	7.88	108	217336	19.341	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.95	45	580830	20.468	ng/ul	99
14) Acetophenone	8.25	105	345024	19.029	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.23	70	195598	20.370	ng/ul	95
16) 4-Methylphenol	8.20	108	234192	19.020	ng/ul	98
17) Hexachloroethane	8.48	117	97818	19.860	ng/ul	98
20) Nitrobenzene	8.61	77	300125	19.955	ng/ul	96
21) Isophorone	9.13	82	525080	19.405	ng/ul	98
23) 2-Nitrophenol	9.31	139	125613	19.732	ng/ul	99
24) 2,4-Dimethylphenol	9.39	107	268371	19.412	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	317364	19.296	ng/ul	98
27) 2,4-Dichlorophenol	9.84	162	216491	19.485	ng/ul	98
28) Naphthalene	10.22	128	743869	19.479	ng/ul	100
30) 4-Chloroaniline	10.35	127	236274	19.436	ng/ul	100
31) Hexachlorobutadiene	10.51	225	140789	19.844	ng/ul	95
32) Caprolactam	11.13	113	66919m	17.968	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	254336	19.635	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	520091	19.461	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	262602	19.880	ng/ul	97
37) Hexachlorocyclopentadiene	12.20	237	75546	10.508	ng/ul	94
38) 2,4,6-Trichlorophenol	12.48	196	172446	20.051	ng/ul	97
39) 2,4,5-Trichlorophenol	12.56	196	183498	19.486	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	681046	19.268	ng/ul	99
41) 2-Chloronaphthalene	12.92	162	530473	19.111	ng/ul	98
42) 2-Nitroaniline	13.15	65	206099	20.545	ng/ul	98
44) Dimethylphthalate	13.54	163	662065	18.825	ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	142795	20.795	ng/ul	99
47) Acenaphthylene	13.78	152	866067	19.764	ng/ul	99
48) 3-Nitroaniline	13.99	138	125677	20.156	ng/ul	99
49) Acenaphthene	14.13	153	567263	19.042	ng/ul	93
50) 2,4-Dinitrophenol	14.22	184	67473	15.922	ng/ul	94
52) 4-Nitrophenol	14.32	109	107529	19.202	ng/ul	93
53) Dibenzofuran	14.47	168	815821	19.667	ng/ul	99
54) 2,4-Dinitrotoluene	14.46	165	207185	20.571	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	14.71	232	158828	19.862	ng/ul#	98
56) Diethylphthalate	14.92	149	693597	19.712	ng/ul	99
58) Fluorene	15.12	166	674124	19.445	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.13	204	331234	19.670	ng/ul	95
60) 4-Nitroaniline	15.16	138	152541m	19.216	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.23	198	119669	18.457	ng/ul	94
64) N-Nitrosodiphenylamine	15.35	169	578315	20.125	ng/ul	96
65) 4-Bromophenyl-phenylether	16.02	248	190021	20.056	ng/ul	91
66) Hexachlorobenzene	16.13	284	209898	20.210	ng/ul	97
67) Atrazine	16.32	200	207306	19.669	ng/ul	97
68) Pentachlorophenol	16.49	266	111158	17.741	ng/ul	89
69) Phenanthrene	16.86	178	1068148	19.480	ng/ul	99
71) Anthracene	16.96	178	1107795	19.911	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.85	216	275442	19.590	ng/uL	98
73) Pentachlorobenzene	14.39	250	266551	19.641	ng/uL	99
74) Carbazole	17.23	167	946385	19.536	ng/ul	99
75) Di-n-butylphthalate	17.81	149	1182886	19.921	ng/ul	100
76) Fluoranthene	18.89	202	1231758	19.682	ng/ul	99
79) Pyrene	19.26	202	1287101	20.112	ng/ul	99
80) Butylbenzylphthalate	20.19	149	524530	20.457	ng/ul	95
81) 3,3'-Dichlorobenzidine	20.96	252	366768	19.550	ng/ul	98
82) Benzo(a)anthracene	21.02	228	1220761	20.168	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	20.98	149	771262	19.963	ng/ul	99
84) Chrysene	21.07	228	1179267	19.570	ng/ul	99
86) Di-n-octyl phthalate	21.83	149	1296469	18.622	ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	1215022	20.578	ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	1131044	19.451	ng/ul	99
90) Benzo(a)pyrene	23.06	252	1082023	19.779	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.22	276	1247934	19.187	ng/ul	97
92) Dibenzo(a,h)anthracene	25.22	278	1072029	19.581	ng/ul	98
93) Benzo(g,h,i)perylene	25.83	276	951409	17.454	ng/ul	97

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

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