Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009899.D
Acq On : 25 Feb 2020 13:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
2/27/2020 8:33:00 AM

Quant Time: Feb 26 04:06:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	83832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	350351	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	219673	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	475972	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	519402	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	527932	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	18156	8.91	ng/uL	0.00
5) Phenol-d5	6.59	99	145978	20.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	104481	21.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	115376	21.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	119009	20.98	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	54357	21.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	59802	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	114638	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	130930	21.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	345755	21.07	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	425640	22.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	55300	18.45	ng/ul	0.00
58) Fluorene-d10	15.03	176	301793	21.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	52917	17.90	ng/ul	0.00
71) Anthracene-d10	16.88	188	468960	21.49	ng/ul	0.00
79) Pyrene-d10	19.19	212	523686	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	548383	20.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	19586	8.365	ng/uL	99
4) Benzaldehyde	6.55	77	110254	23.251	ng/ul	96
6) Phenol	6.62	94	156077	20.426	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.83	93	126497	21.063	ng/ul	94
10) 2-Chlorophenol	6.96	128	123999	21.929	ng/ul	96
11) 2-Methylphenol	7.84	108	117005	20.925	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.92	45	338103	22.965	ng/ul	99
14) Acetophenone	8.20	105	187945	20.335	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.19	70	106733	22.101	ng/ul	90
16) 4-Methylphenol	8.16	108	133483	21.756	ng/ul	96
17) Hexachloroethane	8.43	117	57193	22.232	ng/ul	99
20) Nitrobenzene	8.57	77	164025	21.717	ng/ul	98
21) Isophorone	9.09	82	280619	21.111	ng/ul	99
23) 2-Nitrophenol	9.27	139	66315	21.136	ng/ul	96
24) 2,4-Dimethylphenol	9.35	107	150949	22.158	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.58	93	167168	20.578	ng/ul	95
27) 2,4-Dichlorophenol	9.80	162	114839	21.116	ng/ul	98
28) Naphthalene	10.18	128	397182	21.023	ng/ul	98
30) 4-Chloroaniline	10.31	127	134167	21.633	ng/ul	96
31) Hexachlorobutadiene	10.47	225	78591	21.608	ng/ul	94
32) Caprolactam	11.11	113	35428m	19.425	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	134508	21.629	ng/ul	94
34) 2-Methylnaphthalene	11.80	142	281029	21.422	ng/ul	94

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Quant Time: Feb 26 04:06:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	281580	21.414 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	138150	21.217 ng/ul	99
38) Hexachlorocyclopentadiene	12.16	237	43936	15.596 ng/ul	97
39) 2,4,6-Trichlorophenol	12.45	196	87994	21.293 ng/ul	96
40) 2,4,5-Trichlorophenol	12.52	196	101212	22.829 ng/ul	97
41) 1,1'-Biphenyl	12.85	154	362123	21.463 ng/ul	100
42) 2-Chloronaphthalene	12.88	162	288796	21.553 ng/ul	95
43) 2-Nitroaniline	13.11	65	107878	22.015 ng/ul	97
45) Dimethylphthalate	13.50	163	363904	21.254 ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	73207	21.841 ng/ul	92
48) Acenaphthylene	13.74	152	454981	21.752 ng/ul	99
49) 3-Nitroaniline	13.96	138	62957	20.345 ng/ul	88
50) Acenaphthene	14.09	153	312177	21.772 ng/ul	99
51) 2,4-Dinitrophenol	14.19	184	28456	14.788 ng/ul	97
53) 4-Nitrophenol	14.29	109	54355	20.101 ng/ul	91
54) Dibenzofuran	14.43	168	434350	21.582 ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	106513	21.442 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.67	232	82432	21.626 ng/ul	93
57) Diethylphthalate	14.88	149	374299	21.290 ng/ul	98
59) Fluorene	15.09	166	357762	21.182 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.09	204	178159	21.388 ng/ul	96
61) 4-Nitroaniline	15.13	138	69173	18.331 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.20	198	58735	18.440 ng/ul#	93
65) N-Nitrosodiphenylamine	15.31	169	307485	21.773 ng/ul	99
66) 4-Bromophenyl-phenylether	15.98	248	96954	20.357 ng/ul	92
67) Hexachlorobenzene	16.10	284	111818	21.218 ng/ul	96
68) Atrazine	16.27	200	114070	21.293 ng/ul	89
69) Pentachlorophenol	16.45	266	54736	17.972 ng/ul	94
70) Phenanthrene	16.83	178	579395	21.330 ng/ul	99
72) Anthracene	16.92	178	597631	21.522 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	147053	21.147 ng/uL	98
74) Pentachlorobenzene	14.36	250	148258	22.108 ng/uL	95
75) Carbazole	17.20	167	516894	21.137 ng/ul	98
76) Di-n-butylphthalate	17.77	149	644584	21.356 ng/ul	100
77) Fluoranthene	18.86	202	684721	21.520 ng/ul	99
80) Pyrene	19.22	202	738702	19.727 ng/ul	96
81) Butylbenzylphthalate	20.16	149	294321	19.119 ng/ul	94
82) 3,3'-Dichlorobenzidine	20.93	252	213944	18.892 ng/ul	97
83) Benzo(a)anthracene	20.99	228	707159	19.812 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.95	149	464860	19.779 ng/ul	99
85) Chrysene	21.04	228	694380	19.760 ng/ul	99
87) Di-n-octyl phthalate	21.80	149	775635	19.412 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	733488	21.429 ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	680741	21.004 ng/ul	95
91) Benzo(a)pyrene	23.02	252	653426	21.225 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	771489	21.107 ng/ul	98
93) Dibenzo(a,h)anthracene	25.15	278	644679	20.618 ng/ul	97
94) Benzo(g,h,i)perylene	25.76	276	649458	21.191 ng/ul	97

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Response via : Initial Calibration

Instrument :
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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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