Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010019.D
Acq On : 29 Feb 2020 11:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02099

Manual Integrations APPROVED
mohammad
3/3/2020 5:00:14 PM

Quant Time: Mar 02 06:16:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	123193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	524615	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	322995	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	717841	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	676265	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	632006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	20697	6.91	ng/uL	0.00
5) Phenol-d5	6.58	99	221344	21.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	149750	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	172323	21.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	176409	21.16	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	81619	21.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	96892	23.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	172220	21.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	201602	22.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	503715	20.88	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	605844	21.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	82234	18.66	ng/ul	0.00
58) Fluorene-d10	15.02	176	447297	21.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	75987	17.04	ng/ul	0.00
71) Anthracene-d10	16.87	188	668121	20.30	ng/ul	0.00
79) Pyrene-d10	19.19	212	701395	19.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	689002	21.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	23109	6.716	ng/uL	98
4) Benzaldehyde	6.55	77	112941	16.208	ng/ul	92
6) Phenol	6.61	94	232763	20.729	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.82	93	176885	20.042	ng/ul	96
10) 2-Chlorophenol	6.95	128	177959	21.416	ng/ul	97
11) 2-Methylphenol	7.83	108	174026	21.179	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.90	45	448440	20.727	ng/ul	99
14) Acetophenone	8.19	105	280749	20.670	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.18	70	155056	21.848	ng/ul	98
16) 4-Methylphenol	8.16	108	187226	20.765	ng/ul	97
17) Hexachloroethane	8.42	117	73204	19.364	ng/ul	97
20) Nitrobenzene	8.56	77	236791	20.937	ng/ul	97
21) Isophorone	9.08	82	414083	20.804	ng/ul	99
23) 2-Nitrophenol	9.26	139	100952	21.488	ng/ul	99
24) 2,4-Dimethylphenol	9.33	107	213258	20.906	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.56	93	246427	20.258	ng/ul	99
27) 2,4-Dichlorophenol	9.79	162	168428	20.682	ng/ul	92
28) Naphthalene	10.17	128	573778	20.282	ng/ul	99
30) 4-Chloroaniline	10.30	127	212454	22.877	ng/ul	96
31) Hexachlorobutadiene	10.45	225	105678	19.404	ng/ul	94
32) Caprolactam	11.08	113	58252m	21.329	ng/ul	
33) 4-Chloro-3-methylphenol	11.44	107	197147	21.171	ng/ul	99
34) 2-Methylnaphthalene	11.79	142	398588	20.291	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	405131	20.575	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	201612	21.059	ng/ul	97
38) Hexachlorocyclopentadiene	12.15	237	25283	6.104	ng/ul	94
39) 2,4,6-Trichlorophenol	12.43	196	131691	21.673	ng/ul	99
40) 2,4,5-Trichlorophenol	12.52	196	143621	22.032	ng/ul	98
41) 1,1'-Biphenyl	12.83	154	513016	20.680	ng/ul	99
42) 2-Chloronaphthalene	12.87	162	412224	20.923	ng/ul	99
43) 2-Nitroaniline	13.10	65	166556	23.117	ng/ul	99
45) Dimethylphthalate	13.49	163	517518	20.557	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	106316	21.573	ng/ul	97
48) Acenaphthylene	13.73	152	653599	21.252	ng/ul	99
49) 3-Nitroaniline	13.95	138	100797	22.154	ng/ul	91
50) Acenaphthene	14.08	153	440201	20.880	ng/ul	98
51) 2,4-Dinitrophenol	14.18	184	44379	15.686	ng/ul	97
53) 4-Nitrophenol	14.29	109	78181	19.664	ng/ul	90
54) Dibenzofuran	14.42	168	614466	20.765	ng/ul	98
55) 2,4-Dinitrotoluene	14.43	165	157856	21.612	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.66	232	121555	21.688	ng/ul	99
57) Diethylphthalate	14.87	149	527085	20.390	ng/ul	99
59) Fluorene	15.07	166	517276	20.829	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.08	204	252974	20.654	ng/ul	99
61) 4-Nitroaniline	15.13	138	113779m	20.507	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	80980	16.858	ng/ul	97
65) N-Nitrosodiphenylamine	15.30	169	427752	20.083	ng/ul	99
66) 4-Bromophenyl-phenylether	15.97	248	146117	20.342	ng/ul	95
67) Hexachlorobenzene	16.09	284	158557	19.949	ng/ul	96
68) Atrazine	16.27	200	144972	17.943	ng/ul	96
69) Pentachlorophenol	16.45	266	75269	16.387	ng/ul	93
70) Phenanthrene	16.82	178	842236	20.559	ng/ul	98
72) Anthracene	16.91	178	827792	19.766	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	205408	19.586	ng/uL	91
74) Pentachlorobenzene	14.35	250	193038	19.087	ng/uL	94
75) Carbazole	17.19	167	714051	19.361	ng/ul	99
76) Di-n-butylphthalate	17.77	149	865359	19.010	ng/ul	99
77) Fluoranthene	18.85	202	1088453	22.682	ng/ul	99
80) Pyrene	19.22	202	1082845	22.210	ng/ul	98
81) Butylbenzylphthalate	20.15	149	380078	18.963	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.93	252	230764	15.651	ng/ul	95
83) Benzo(a)anthracene	20.99	228	923631	19.874	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.94	149	487723	15.938	ng/ul	94
85) Chrysene	21.03	228	880789	19.251	ng/ul	98
87) Di-n-octyl phthalate	21.79	149	886396	18.530	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	840498	20.512	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	820390	21.144	ng/ul	98
91) Benzo(a)pyrene	23.01	252	761924	20.674	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.14	276	847446	19.367	ng/ul	97
93) Dibenzo(a,h)anthracene	25.14	278	738858	19.739	ng/ul	96
94) Benzo(g,h,i)perylene	25.76	276	611234	16.660	ng/ul	98

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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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