Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010442.D
Acq On : 08 Apr 2020 22:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02071

Manual Integrations APPROVED
mohammad
4/9/2020 11:38:41 AM

Quant Time: Apr 09 03:55:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	662711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2793387	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1812741	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	3998846	20.00	ng/ul	0.01
78) Chrysene-d12	21.19	240	3557564	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	3283562	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	98350	7.02	ng/uL	0.00
5) Phenol-d5	6.80	99	1039121	18.80	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.95	67	576704	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	890171	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	862150	18.46	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	438395	21.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.46	143	502902	22.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	967250	21.24	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	1229535	22.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	2759906	20.18	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	3286834	20.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	534234	20.80	ng/ul	0.02
58) Fluorene-d10	15.23	176	2391124	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	313226	13.68	ng/ul	0.01
71) Anthracene-d10	17.09	188	3681496	20.05	ng/ul	0.01
79) Pyrene-d10	19.39	212	4269058	23.29	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	3445154	21.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	103503	6.987	ng/uL	93
4) Benzaldehyde	6.76	77	684841	24.247	ng/ul	97
6) Phenol	6.83	94	1055382	18.243	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	803176	17.959	ng/ul	97
10) 2-Chlorophenol	7.19	128	914130	20.108	ng/ul	100
11) 2-Methylphenol	8.06	108	821944	18.283	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.14	45	514696	16.799	ng/ul	96
14) Acetophenone	8.42	105	1353951	19.072	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.42	70	654721	18.895	ng/ul	98
16) 4-Methylphenol	8.38	108	885338	18.010	ng/ul	95
17) Hexachloroethane	8.68	117	359855	19.537	ng/ul	97
20) Nitrobenzene	8.79	77	988434	19.609	ng/ul	96
21) Isophorone	9.32	82	1825906	18.943	ng/ul	100
23) 2-Nitrophenol	9.50	139	532265	21.218	ng/ul	95
24) 2,4-Dimethylphenol	9.57	107	944513	18.413	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	1120709	18.509	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	938533	20.413	ng/ul	98
28) Naphthalene	10.42	128	2893255	19.253	ng/ul	99
30) 4-Chloroaniline	10.53	127	1263022	23.370	ng/ul	100
31) Hexachlorobutadiene	10.72	225	652412	21.341	ng/ul	97
32) Caprolactam	11.30	113	278771m	18.171	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	984198	20.299	ng/ul	94
34) 2-Methylnaphthalene	12.04	142	2161907	19.802	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	2022285	18.670	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	1219647	21.336	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	391358	10.380	ng/ul	99
39) 2,4,6-Trichlorophenol	12.66	196	766375	20.988	ng/ul	96
40) 2,4,5-Trichlorophenol	12.73	196	853974	21.754	ng/ul	99
41) 1,1'-Biphenyl	13.06	154	2787350	20.207	ng/ul	98
42) 2-Chloronaphthalene	13.10	162	2202192	20.092	ng/ul	99
43) 2-Nitroaniline	13.31	65	543389	22.076	ng/ul	98
45) Dimethylphthalate	13.70	163	2709352	19.183	ng/ul	99
46) 2,6-Dinitrotoluene	13.82	165	623341	22.453	ng/ul	97
48) Acenaphthylene	13.96	152	3502562	20.376	ng/ul	99
49) 3-Nitroaniline	14.14	138	619919	23.925	ng/ul	96
50) Acenaphthene	14.30	153	2328340	19.662	ng/ul	98
51) 2,4-Dinitrophenol	14.35	184	183200	11.451	ng/ul	96
53) 4-Nitrophenol	14.46	109	414235	20.170	ng/ul	98
54) Dibenzofuran	14.64	168	3360048	20.145	ng/ul	98
55) 2,4-Dinitrotoluene	14.61	165	838961	20.592	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.87	232	765295	22.335	ng/ul	97
57) Diethylphthalate	15.08	149	2715651	19.408	ng/ul	99
59) Fluorene	15.29	166	2666091	19.641	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	1344050	19.072	ng/ul	99
61) 4-Nitroaniline	15.31	138	698209	23.886	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.37	198	332584	13.236	ng/ul#	95
65) N-Nitrosodiphenylamine	15.50	169	2414944	20.758	ng/ul	99
66) 4-Bromophenyl-phenylether	16.19	248	886703	21.081	ng/ul	94
67) Hexachlorobenzene	16.30	284	990274	20.739	ng/ul	96
68) Atrazine	16.46	200	843869	18.483	ng/ul	99
69) Pentachlorophenol	16.65	266	605469	20.736	ng/ul	90
70) Phenanthrene	17.03	178	4448587	20.077	ng/ul	100
72) Anthracene	17.12	178	4477315	20.204	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	1215594	20.020	ng/uL	97
74) Pentachlorobenzene	14.57	250	1140148	19.100	ng/uL	97
75) Carbazole	17.39	167	4087259	22.179	ng/ul	99
76) Di-n-butylphthalate	17.97	149	4869456	21.261	ng/ul	100
77) Fluoranthene	19.05	202	5300102	22.460	ng/ul	98
80) Pyrene	19.42	202	5532096	23.256	ng/ul	96
81) Butylbenzylphthalate	20.33	149	2343883	24.707	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.11	252	1921099	23.742	ng/ul	99
83) Benzo(a)anthracene	21.17	228	4768491	19.951	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	3308523	23.567	ng/ul	98
85) Chrysene	21.23	228	4655728	20.426	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	5786487	35.873	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	4207883	21.162	ng/ul	95
89) Benzo(k)fluoranthene	22.76	252	4287691	22.198	ng/ul	97
91) Benzo(a)pyrene	23.27	252	4055226	21.784	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.53	276	4322033	17.991	ng/ul	97
93) Dibenzo(a,h)anthracene	25.53	278	3662099	18.455	ng/ul	99
94) Benzo(g,h,i)perylene	26.18	276	3681604	18.188	ng/ul	96

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

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