Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010034.D
Acq On : 29 Feb 2020 20:48
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02098

Manual Integrations APPROVED
mohammad
3/3/2020 5:00:44 PM

Quant Time: Mar 02 06:07:46 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	125066	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	530635	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	341563	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	743257	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	705818	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	688168	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	20687	6.80	ng/uL	0.00
5) Phenol-d5	6.58	99	225872	21.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	154059	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	176454	22.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	182347	21.55	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	84594	21.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	95484	22.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	177861	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	218536	23.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	522256	20.47	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	636705	21.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	89075	19.12	ng/ul	0.00
58) Fluorene-d10	15.02	176	464180	21.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	75621	16.38	ng/ul	0.00
71) Anthracene-d10	16.87	188	691021	20.28	ng/ul	0.00
79) Pyrene-d10	19.18	212	761850	20.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	741115	21.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	23353	6.685	ng/uL	96
4) Benzaldehyde	6.54	77	112380	15.886	ng/ul	90
6) Phenol	6.60	94	233486	20.482	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.82	93	182775	20.400	ng/ul	98
10) 2-Chlorophenol	6.95	128	178200	21.124	ng/ul	98
11) 2-Methylphenol	7.83	108	173240	20.767	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.91	45	463030m	21.081	ng/ul	
14) Acetophenone	8.19	105	285629	20.715	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.18	70	159342	22.116	ng/ul	98
16) 4-Methylphenol	8.15	108	191053	20.873	ng/ul	94
17) Hexachloroethane	8.42	117	75923	19.782	ng/ul	98
20) Nitrobenzene	8.56	77	242821	21.227	ng/ul	98
21) Isophorone	9.08	82	423922	21.057	ng/ul	100
23) 2-Nitrophenol	9.26	139	103217	21.720	ng/ul	98
24) 2,4-Dimethylphenol	9.33	107	217984	21.127	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.56	93	249707	20.295	ng/ul	99
27) 2,4-Dichlorophenol	9.79	162	176001	21.367	ng/ul	93
28) Naphthalene	10.16	128	592037	20.690	ng/ul	99
30) 4-Chloroaniline	10.30	127	215829	22.976	ng/ul	99
31) Hexachlorobutadiene	10.45	225	111120	20.172	ng/ul	91
32) Caprolactam	11.08	113	60507m	21.904	ng/ul	
33) 4-Chloro-3-methylphenol	11.44	107	203983	21.657	ng/ul	100
34) 2-Methylnaphthalene	11.79	142	406568	20.462	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	409687	20.571 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	205625	20.310 ng/ul	99
38) Hexachlorocyclopentadiene	12.15	237	28955	6.610 ng/ul	88
39) 2,4,6-Trichlorophenol	12.43	196	135264	21.051 ng/ul	97
40) 2,4,5-Trichlorophenol	12.51	196	146086	21.192 ng/ul	99
41) 1,1'-Biphenyl	12.83	154	531918	20.276 ng/ul	96
42) 2-Chloronaphthalene	12.87	162	426982	20.494 ng/ul	98
43) 2-Nitroaniline	13.10	65	176271	23.136 ng/ul	96
45) Dimethylphthalate	13.49	163	539915	20.281 ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	111782	21.449 ng/ul	98
48) Acenaphthylene	13.73	152	677428	20.830 ng/ul	99
49) 3-Nitroaniline	13.95	138	105703	21.969 ng/ul	97
50) Acenaphthene	14.08	153	455498	20.431 ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	42771	14.295 ng/ul	99
53) 4-Nitrophenol	14.29	109	83582	19.880 ng/ul	88
54) Dibenzofuran	14.42	168	632455	20.211 ng/ul	97
55) 2,4-Dinitrotoluene	14.42	165	166960	21.616 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.66	232	126400	21.327 ng/ul	94
57) Diethylphthalate	14.87	149	560220	20.494 ng/ul	98
59) Fluorene	15.07	166	532801	20.288 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.08	204	257939	19.915 ng/ul	97
61) 4-Nitroaniline	15.13	138	119107m	20.300 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	82725	16.632 ng/ul	99
65) N-Nitrosodiphenylamine	15.30	169	452342	20.512 ng/ul	99
66) 4-Bromophenyl-phenylether	15.97	248	151016	20.305 ng/ul	96
67) Hexachlorobenzene	16.09	284	166097	20.183 ng/ul	97
68) Atrazine	16.27	200	159592	19.077 ng/ul	91
69) Pentachlorophenol	16.45	266	84611	17.791 ng/ul	95
70) Phenanthrene	16.82	178	857786	20.222 ng/ul	99
72) Anthracene	16.91	178	874399	20.165 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	207017	19.064 ng/uL	94
74) Pentachlorobenzene	14.35	250	203766	19.458 ng/uL	95
75) Carbazole	17.19	167	769334	20.147 ng/ul	99
76) Di-n-butylphthalate	17.77	149	944276	20.034 ng/ul	99
77) Fluoranthene	18.85	202	1000305	20.132 ng/ul	98
80) Pyrene	19.22	202	1056559	20.763 ng/ul	97
81) Butylbenzylphthalate	20.15	149	425385	20.335 ng/ul	100
82) 3,3'-Dichlorobenzidine	20.93	252	236393	15.361 ng/ul	95
83) Benzo(a)anthracene	20.99	228	965380	19.903 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.94	149	567913	17.782 ng/ul	98
85) Chrysene	21.03	228	942119	19.729 ng/ul	98
87) Di-n-octyl phthalate	21.79	149	1006865	19.331 ng/ul	100
88) Benzo(b)fluoranthene	22.48	252	933266	20.917 ng/ul	98
89) Benzo(k)fluoranthene	22.52	252	889108	21.045 ng/ul	97
91) Benzo(a)pyrene	23.01	252	852191	21.236 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	936191	19.649 ng/ul	96
93) Dibenzo(a,h)anthracene	25.14	278	817757	20.063 ng/ul	98
94) Benzo(g,h,i)perylene	25.75	276	719472	18.009 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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