Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011522.D
Acq On : 20 Aug 2020 13:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02069

Manual Integrations APPROVED
mohammad
8/21/2020 12:51:00 PM

Quant Time: Aug 20 13:42:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 13:39:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	166217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	650911	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	417677	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	886124	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	909608	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	822169	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	32344	9.34	ng/uL	0.00
5) Phenol-d5	6.63	99	257674	21.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	138206	23.07	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	227711	21.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	214035	22.43	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	106403	21.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	122736	21.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	231817	21.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	277312	21.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	654655	20.13	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	782744	20.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	113925	20.68	ng/ul	0.00
58) Fluorene-d10	15.06	176	578593	20.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	104014	17.70	ng/ul	0.00
71) Anthracene-d10	16.92	188	870820m	20.57	ng/ul	0.00
79) Pyrene-d10	19.22	212	976295	20.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	881872	19.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	31476	7.052	ng/uL	97
4) Benzaldehyde	6.59	77	167772	21.882	ng/ul	97
6) Phenol	6.65	94	278373	23.230	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.88	93	212873	22.411	ng/ul	92
10) 2-Chlorophenol	7.00	128	241538	22.219	ng/ul	94
11) 2-Methylphenol	7.88	108	210703	22.330	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.95	45	128043	24.801	ng/ul	99
14) Acetophenone	8.24	105	346621	22.462	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.23	70	161337	24.132	ng/ul	97
16) 4-Methylphenol	8.20	108	227415	22.761	ng/ul	100
17) Hexachloroethane	8.48	117	102637	20.420	ng/ul	93
20) Nitrobenzene	8.60	77	252200	20.455	ng/ul	99
21) Isophorone	9.13	82	449563	20.720	ng/ul	97
23) 2-Nitrophenol	9.30	139	135858	21.472	ng/ul	95
24) 2,4-Dimethylphenol	9.38	107	257567	21.533	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.61	93	276739	21.504	ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	237476	21.809	ng/ul	96
28) Naphthalene	10.22	128	734484	20.220	ng/ul	100
30) 4-Chloroaniline	10.34	127	289629	22.580	ng/ul	98
31) Hexachlorobutadiene	10.50	225	168758	19.030	ng/ul	94
32) Caprolactam	11.12	113	63729	22.911	ng/ul	91
33) 4-Chloro-3-methylphenol	11.48	107	230012	22.246	ng/ul	98
34) 2-Methylnaphthalene	11.84	142	534877	21.481	ng/ul	96

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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	12.06	142	486339	19.925 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	303482	20.759 ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	167474	16.718 ng/ul	97
39) 2,4,6-Trichlorophenol	12.48	196	197679	23.104 ng/ul	95
40) 2,4,5-Trichlorophenol	12.55	196	210496	22.656 ng/ul	95
41) 1,1'-Biphenyl	12.88	154	692106	20.647 ng/ul	99
42) 2-Chloronaphthalene	12.92	162	551868	20.346 ng/ul	96
43) 2-Nitroaniline	13.13	65	124198	23.287 ng/ul	97
45) Dimethylphthalate	13.53	163	694013	20.790 ng/ul#	97
46) 2,6-Dinitrotoluene	13.65	165	136267	20.848 ng/ul	96
48) Acenaphthylene	13.77	152	824179	20.330 ng/ul	98
49) 3-Nitroaniline	13.97	138	136079	22.757 ng/ul	97
50) Acenaphthene	14.12	153	582186	20.516 ng/ul	99
51) 2,4-Dinitrophenol	14.19	184	61132	15.659 ng/ul	96
53) 4-Nitrophenol	14.30	109	104290	19.857 ng/ul	89
54) Dibenzofuran	14.46	168	825409	20.056 ng/ul	96
55) 2,4-Dinitrotoluene	14.45	165	200856	21.366 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.70	232	177220	22.846 ng/ul	99
57) Diethylphthalate	14.92	149	690727	20.799 ng/ul	98
59) Fluorene	15.12	166	674170	20.325 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	344946	19.931 ng/ul	98
61) 4-Nitroaniline	15.15	138	126523	20.659 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.22	198	107616	16.898 ng/ul	94
65) N-Nitrosodiphenylamine	15.34	169	573489	21.636 ng/ul	95
66) 4-Bromophenyl-phenylether	16.02	248	208845	20.719 ng/ul	96
67) Hexachlorobenzene	16.13	284	230065	20.506 ng/ul	97
68) Atrazine	16.31	200	213669	20.699 ng/ul	95
69) Pentachlorophenol	16.47	266	145504	22.625 ng/ul#	73
70) Phenanthrene	16.86	178	1061177	20.190 ng/ul	98
72) Anthracene	16.95	178	1093689	20.545 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	286465	20.358 ng/uL	88
74) Pentachlorobenzene	14.39	250	271543	20.138 ng/uL	91
75) Carbazole	17.23	167	936624	20.922 ng/ul	100
76) Di-n-butylphthalate	17.82	149	1136792	22.336 ng/ul	99
77) Fluoranthene	18.89	202	1261151	19.609 ng/ul	99
80) Pyrene	19.25	202	1308953	20.449 ng/ul	97
81) Butylbenzylphthalate	20.19	149	525442	24.333 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.97	252	380922	21.000 ng/ul	97
83) Benzo(a)anthracene	21.02	228	1249120	20.641 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.99	149	784879	24.103 ng/ul	99
85) Chrysene	21.07	228	1181861	19.662 ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1358410	25.269 ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	1159981	20.181 ng/ul	96
89) Benzo(k)fluoranthene	22.57	252	1166113	20.427 ng/ul#	94
91) Benzo(a)pyrene	23.06	252	1001281	18.907 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	1023590	15.080 ng/ul	97
93) Dibenzo(a,h)anthracene	25.20	278	815262	14.346 ng/ul	98
94) Benzo(g,h,i)perylene	25.81	276	917180	16.299 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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